

## A

**Aalto Susanne E**  
 Onsala Space Observ  
 Chalmers Technical Univ  
 SE 439 92 Onsala  
 Sweden  
 ☎ 46 31 772 5506  
 ☎ 46 31 772 5590  
 ✉ susanne@  
 oso.chalmers.se

**Aannestad Per Arne**  
 Physics Dpt  
 Arizona State Univ  
 Astronomy Program  
 Tempe AZ 85287 1504  
 USA  
 ☎ 1 480 965 3644  
 ☎ 1 480 965 7954

**Aarseth Sverre J**  
 Inst Astronomy  
 The Observatories  
 Madingley Rd  
 Cambridge CB3 0HA  
 UK  
 ☎ 44 12 23 337 548  
 ☎ 44 12 23 337 523  
 ✉ sverre@ast.cam.ac.uk

**Abad Alberto J**  
 Dpt Fisica Teorica  
 Univ Zaragoza  
 E 50009 Zaragoza  
 Spain  
 ☎ 34 7 676 1000  
 ☎ 34 7 676 1140

**Abad Hiraldo Carlos**  
 CIDA  
 Box 264  
 Merida 5101 A  
 Venezuela  
 ☎ 58 7 471 2780/3883  
 ☎ 58 7 471 2459  
 ✉ abad@cida.ve

**Abada-Simon Meil**  
 Observ  
 ARPEGES  
 Pl J Janssen  
 F 92195 Meudon PPLCdx  
 France  
 ☎ 33 1 45 07 7608  
 ☎ 33 1 45 07 7828  
 ✉ abada@obsppm.fr

**Abadi Mario**  
 Observ de Cordoba  
 Laprida 854  
 5000 Cordoba  
 Argentina  
 ☎ 54 351 433 1066  
 ☎ 54 351 433 1066  
 ✉ mario@oac.uncor.edu

**Abalakin Victor K**  
 Pulkovo Observ  
 Acad Sciences  
 10 Kutuzov Quay  
 196140 St Petersburg  
 Russia  
 ☎ 7 812 123 3392  
 ☎ 7 812 315 1701  
 ✉ vicabal@gao.spb.ru

**Abbasov Alik R**  
 Scientif/Industrial Ass  
 Cosmic Res  
 Lenin Pspt 159  
 370106 Baku  
 Azerbaijan

**Abbott David C**  
 APAS  
 Univ Colorado  
 Campus Box 391  
 Boulder CO 80309 0391  
 USA

**Abbott William N**  
 Univ Athens  
 42 Michalacopoulou  
 GR 115 28 Athens  
 Greece  
 ☎ 30 1 721 3352

**Abd El Hamid Rabab**  
 Ntl Res Institute  
 Astron/Geophysics  
 Cairo 02  
 Egypt  
 ☎ 20 2 78 0046/0645  
 ☎ 20 2 78 2683

**Abd Hady Ahmed Abdel**  
 Astronomy Dept  
 Faculty Sciences  
 Cairo Univ  
 Giza  
 Egypt  
 ☎ 20 2 271 0429  
 ☎ 20 2 2572 7556  
 ✉ aahady@yahoo.com

**Abdelatif Toufik**  
 CRAAG  
 Observ Alger  
 BP 63  
 Bouzareah 16340  
 Algeria  
 ☎ 213 2 901 572/424  
 ☎ 213 2 941 157

**Abdelkawi M Abubakar**  
 ASRT  
 101 Kasr El-eini Str  
 Cairo 11516  
 Egypt  
 ☎ 20 2 355 7972

**Abdul Aziz Ahmad Zaharim**  
 Physics Dpt  
 Univ Ke Bangsaan  
 Bangi 43600  
 Malaysia  
 ☎ 60 6 829 3849  
 ☎ 60 6 829 2880  
 ✉ ohzaha@  
 pkris.oc.ukm.my

**Abdulla Shaker Abdul Aziz**  
 SARC  
 Scientific Res Council  
 Box 2441,  
 Jadiriyyah Baghdad  
 Iraq  
 ☎ 964 1 776 5127

**Abele Maris K**  
 Astron Observ  
 Latvian State Univ  
 Rainis Blvd 19  
 LV 226098 Riga  
 Latvia  
 ☎ 371 722 3149  
 ☎ 371 782 0180

**Abgrall Herve**  
 Observ  
 DAEC  
 pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7448  
 ☎ 33 1 45 07 7123  
 ✉ herve.abgrall@  
 obsppm.fr

**Abhyankar Krishna D**  
 5 - 76 Vivekananda Nagar  
 Habshiguda St No. 8/26  
 Hyderabad 500 007  
 India  
 ☎ 91 404 717 1672

**Abia Carlos A**  
 Univ de Granada  
 Dpt Fisica Teorica y del  
 Cosmos  
 E 18071 Granada  
 Spain  
 ☎ 34 958 249061  
 ☎ 34 958 248529  
 ✉ cabia@ugr.es

**Ables Harold D**  
 1512 W Univ Hights Dr N  
 Flagstaff AZ 86001 8966  
 USA  
 ☎ 1 520 774 7854  
 ✉ hables@lowell.edu

**Ables John G**  
 CSIRO  
 Div Radiophysics  
 Box 76  
 Epping NSW 2121  
 Australia  
 ☎ 61 2 868 0222  
 ☎ 61 2 868 0310

**Abouardham Jean**

Observ  
 DASOP  
 PI J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7784  
 ☎ 33 1 45 07 7469  
 ✉ jean.abouardham@obspsm.fr

**Abou'el-ella Mohamed S**

NAIGR  
 Helwan Observ  
 Cairo 11421  
 Egypt  
 ☎ 20 78 0645/2683  
 ☎ 20 62 21 405 297

**Abraham Peter**

MPI Astronomie  
 Koenigstuhl  
 D 69117 Heidelberg  
 Germany  
 ☎ 49 622 152 8355  
 ☎ 49 622 152 8356  
 ✉ abraham@mpia-hd.mpg.de

**Abraham Zulema**

IAG  
 Univ Sao Paulo  
 CP 9638  
 01065 970 Sao Paulo SP  
 Brazil  
 ☎ 55 11 577 8599  
 ☎ 55 11 276 3848  
 ✉ zulema@iagusp.usp.br

**Abrahaman Hamlet V**

Byurakan Astrophys Observ  
 Armenian Acad Sci  
 378433 Byurakan  
 Armenia  
 ☎ 374 25 40 77  
 ✉ hamlet@armintel.net

**Abramenko Valentina**

Crimean Astrophys Observ  
 Ukrainian Acad Science  
 Nauchny  
 334413 Crimea  
 Ukraine  
 ☎ 380 6554 71161  
 ☎ 380 6554 40704  
 ✉ avi@crao.crimea.ua

**Abramowicz Marek**

Dpt Astron/Astrophys  
 Chalmers Technical Univ  
 SE 412 96 Goeteborg  
 Sweden  
 ☎ 46 31 772 3135  
 ☎ 46 31 772 3204  
 ✉ marek@tfa.fy.chalmers.se

**Abt Helmut A**

NOAO/KPNO  
 Box 26732  
 950 N Cherry Av  
 Tucson AZ 85726 6732  
 USA  
 ☎ 1 520 325 9215  
 ☎ 1 520 323 4183  
 ✉ apj@noao.edu

**Abulazm Mohamed Samir**

NAIGR  
 Helwan Observ  
 Cairo 11421  
 Egypt  
 ☎ 20 78 0645/2683  
 ☎ 20 62 21 405 297

**Acharya Bannanje S**

TIFR/Cosmic Ray Gr  
 Homi Bhabha Rd  
 Colaba  
 Bombay 400 005  
 India  
 ☎ 91 22 215 2971  
 ☎ 91 22 495 2110  
 ✉ acharya@tifr.res.in

**Achterberg Abraham**

Sterrekundig Inst Utrecht  
 Box 80000  
 NL 3508 TA Utrecht  
 Netherlands  
 ☎ 31 30 253 5212  
 ☎ 31 30 253 1601  
 ✉ a.achterberg@astro.uu.nl

**Acker Agnes**

Observ  
 11 r Universite  
 F 67000 Strasbourg  
 France  
 ☎ 33 3 88 15 0724  
 ☎ 33 3 88 25 0160  
 ✉ acker@astro.u-strasbg.fr

**Acosta-Pulido Jose A**

IAC  
 Observ d Teide  
 via Lactea s/n  
 E 38200 La Laguna  
 Spain  
 ☎ 34 922 605200  
 ☎ 34 922 605210  
 ✉ jap@ll.iac.es

**Acton Loren W**

Physics Dpt  
 Montana State Univ  
 Bozeman MT 59717 0350  
 USA  
 ☎ 1 406 994 6072  
 ☎ 1 406 994 4452

**Adam Madge G**

17 Dove House Close  
 Upper Wolvercote  
 Oxford OX2 8BG  
 UK  
 ☎ 44 1865 515938

**Adams David J**

Astronomy Dpt  
 Univ Leicester  
 Univ Rd  
 Leicester LE1 7RH  
 UK  
 ☎ 44 1162 522 073  
 ☎ 44 113 252 2200

**Adams Fred**

Physics Dpt  
 Univ Michigan  
 Dennison Bldg  
 Ann Arbor MI 48109 1090  
 USA  
 ☎ 1 313 747 4320  
 ☎ 1 313 764 2211  
 ✉ fadams@umiphys

**Adams Jenni**

Dpt Physics/Astronomy  
 Univ Canterbury  
 Private Bag 4800  
 Christchurch 1  
 New Zealand  
 ☎ 64 3 364 2581  
 ☎ 64 3 364 2469  
 ✉ j.adams@phys.canterbury.ac.nz

**Adams Mark T**

McDonald Observ  
 Univ Texas  
 Box 1337  
 Fort Davis TX 79734 1337  
 USA  
 ☎ 1 915 426 3263  
 ☎ 1 915 426 3641  
 ✉ mta@astro.as.utexas.edu

**Adams Thomas F**

LLNL  
 L 170  
 Box 808  
 Livermore CA 94551 9900  
 USA  
 ☎ 1 925 422 1248  
 ☎ 1 925 422 3389  
 ✉ adams35@llnl.gov

**Adams Jr James H**

NRL  
 Code 4154 2  
 4555 Overlook Av SW  
 Washington DC 20375 5000  
 USA  
 ☎ 1 202 767 2747

**Adamson Andrew**

School Physics/Astro  
 Lancashire Polytechnic  
 Corporation St  
 Preston PR1 2TQ  
 UK

**Ade Peter A R**

Astrophysics Group  
 QMWC  
 Mile End Rd  
 London E1 4NS  
 UK  
 ☎ 44 171 975 5555  
 ☎ 44 181 975 5500

**Adelman Saul J**

Physics Dpt  
 The Citadel  
 Charleston SC 29409  
 USA  
 ☎ 1 843 953 6943  
 ☎ 1 843 953 1832  
 ✉ adelmans@citadel.edu

**Adjabshirizadeh Ali**

Ctr for Astron Res  
 Univ Tabriz  
 Tabriz 51664  
 Iran  
 ☎ 98 41 32564

**Adler David Scott**  
STSci/CSC  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4458  
☎ 1 410 338 4767  
✉ adler@stsci.edu

**Adolfsson Tord**  
Tessins vag 10F  
SE 217 58 Malmoe  
Sweden  
☎ 46 40 15 7586

**Aerts Conny**  
Inst v Sterrenkunde  
Katholieke Univ Leuven  
Celestijnenlaan 200B  
B 3001 Leuven  
Belgium  
☎ 32 16 32 70 28  
☎ 32 16 32 7999  
✉ conny@ster.kuleuven.ac.be

**Afanas'ev Viktor L**  
SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 789 2501

**Afanasjeva Praskovya M**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
☎ 7 812 315 1701

**Agekjan Tateos A**  
Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
199178 St Petersburg  
Russia  
☎ 7 812 428 7129  
☎ 7 812 428 4259

**Aggarwal Kanti Mal**  
Dpt Pure / Applied Physics  
Queen's Univ  
Belfast BT7 1NN  
UK  
☎ 44 28 90 273 239  
☎ 44 28 90 438 918  
✉ K.Aggarwal@qub.ac.uk

**Agrawal P C**  
TIFR  
Homi Bhabha Marg  
Navy Nagar Colaba  
Mumbai MH 400 085  
India  
☎ 91 22 215 2311\*393  
☎ 91 22 215 2110

**Aguero Estela L**  
Observ de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 433 1064  
☎ 54 351 433 1063  
✉ aguero@oac.uncor.edu

**Aguiar Odylio Denys**  
INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 41 8977\*689  
☎ 55 123 21 8743  
✉ odylio@das.inpe.br

**Aguilar Luis A Chiu**  
Apdo 877  
Ensenada BC 22800  
Mexico  
☎ 52 6 174 4580  
☎ 52 6 174 4607  
✉ aguilar@astrosen.unam.mx

**Aguilar Maria Luisa**  
UNSM  
Fac Ciencias Fisicas  
Av Arica 830  
Lima 5  
Peru  
☎ 51 2 43 961/52 1343  
✉ mlah@unmsm.pe  
✉ dd220002@unmsm.edu.pe

**A'Hearn Michael F**  
Astronomy Dept  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 6076  
☎ 1 301 314 9067  
✉ ma@astro.umd.edu

**Ahluwalia Harjit Singh**  
Dpt Phys/Astronomy  
Univ New Mexico  
800 Yale Blvd NE  
Albuquerque NM 87131  
USA  
☎ 1 505 277 2941  
☎ 1 505 660 461

**Ahmad Farooq**  
Physics Dpt  
Univ Kashmir  
Srinagar 190 006  
India  
☎ 91 0194 431 725  
☎ 91 0194 421 375

**Ahmad Imad Aldean**  
Imad-ad Dean Inc  
4323 Rosedale Av  
Bethesda MD 20814  
USA  
☎ 1 301 565 4714

**Ahmed Imam Ibrahim**  
Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
☎ 20 2 572 7556  
✉ bakary99@yahoo.com

**Ahmed Mostafa Kamal**  
Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
☎ 20 2 572 7556

**Ai Guoxiang**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6488 8769  
☎ 86 10 6488 8716  
✉ aigx@sun10.bao.ac.cn

**Aiad A Zaki**  
Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
☎ 20 2 572 7556

**Aiello Santi**  
Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 437 8540  
☎ 39 055 220 039

**Aikawa Toshiki**  
Geophys Inst  
Tohoku Gakuin Univ  
Ichinazaka Izumi-ku  
Sendai 981 31  
Japan  
☎ 81 223 75 1111\*318  
☎ 81 223 75 4040  
✉ aikawa@izcc.tohoku-gakuin.ac.jp

**Aikman G Chris I**  
Seameadow Astronomics Inc  
687 Braemar Avenue  
North Saanich BC V8X 5G5  
Canada  
☎ 1 250 656 8817  
☎ 1 250 656 8097  
✉ aikman@seameadow.com

**Aime Claude**  
Dpt Astrophysique  
Universite Nice  
Parc Valrose  
F 06034 Nice Cdx  
France  
☎ 33 4 93 51 9100  
☎ 33 4 93 52 9806

**Aitken David K**  
Garbhein House  
Garbhein Road  
Kinlochleven PH50 4SE  
UK  
✉ dave@phadfa.ph.adfa.oz.au

**Aizenman Morris L**

NSF  
Div Astron Sci  
4201 Wilson Blvd  
Arlington VA 22230  
USA  
☎ 1 703 306 1820  
📠 1 703 306 0525  
✉ maizenman@nsf.gov

**Aizu Ko**

3-24-3 Katahira  
Asao Ku  
Kawasaki  
Japan

**Akabane Kenji A**

Matsusho Gakuen Junior  
College  
Info & Operation Systems  
Keiei-Johou/2117 3 Niimura  
Matsumoto Nagano 390 1241  
Japan  
☎ 81 0263 47 6200  
📠 81 0262 47 7190

**Akabane Tokuhide**

Hida Observ  
Kyoto Univ  
Kamitakara  
Gifu 506 13  
Japan  
☎ 81 578 62 311

**Akan Mustafa Can**

Dpt Astron/Space Sci  
Ege Univ Observ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322  
✉ efeast04@  
vm3090.ege.edu.tr

**Akayli Melek M A**

Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322

**Ake III Thomas Bellis**

Johns Hopkins Univ  
Dpt Physics & Astronomy  
3400 N. Charles Street  
Baltimore MD 21218  
USA  
☎ 1 410 516 7433  
📠 1 410 516 5494  
✉ ake@pha.jhu.edu

**Akim Efraim L**

Keldysh Inst Applied Maths  
Acad Sciences  
Miusskaja Sq 4  
125047 Moscow  
Russia  
☎ 7 095 251 3739

**Akimov Leonid**

Astron Observ  
Kharkiv State Univ  
Sumskaja UI 35  
310002 Kharkiv  
Ukraine  
☎ 380 5724 32428  
📠 380 5724 32428  
✉ akimov@  
astron.kharkov.ua

**Aksnes Kaare**

Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 515  
📠 47 22 85 6505  
✉ kaare.aksnes@  
astro.uio.no

**Akujor Chidi E**

School Physical Sci  
Imo State Univ  
PMB 2000  
Owerri  
Nigeria

**Akyol Mustafa Unal**

Fac Education  
Selcuk Univ  
42090 Konya  
Turkey

**Albers Henry**

62 Prospect St  
Falmouth MA 02540  
USA  
☎ 1 508 540 0978

**Albinson James**

Physics Dpt  
Univ Keele  
Keele ST5 5BG  
UK  
☎ 44 178 262 1111  
📠 44 178 271 1093  
✉ jsa@uk.ac.kl.ph.star

**Albrecht Rudolf**

Space Telescope ECF  
ESO Room 419  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6287  
📠 49 893 200 6480  
✉ ralbrech@eso.org

**Albrow Michael**

Dpt Phys/Astronomy  
Univ Canterbury  
Private Bag 4800  
Christchurch 1  
New Zealand  
☎ 64 3 364 2987\*7579  
📠 64 3 364 2469  
✉ m.albrow@  
phys.canterbury.ac.nz

**Alcaino Gonzalo**

Inst Isaac Newton  
Casilla 8 - 9  
Santiago 9  
Chile  
☎ 56 2 217 2013  
📠 56 2 217 2352  
✉ inewton@reuna.cl

**Alcolea Javier**

Ctr Astron d Yebes  
OAN  
Apt 148  
E 19080 Guadalajara  
Spain  
☎ 34 1 129 0311  
📠 34 1 129 0063  
✉ alcolea@cay.es

**Aldaya Victor**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 958 12 1311  
✉ valdaya@iaa.es

**Aldrovandi Ruben**

Inst Fisica Teorica  
Rua Pamplona 15  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 288 5643

**Alecian Georges**

Observ  
DAEC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7420  
📠 33 1 45 07 7123  
✉ alecian@obsppm.fr

**Alexander David R**

Physics Dpt  
Wichita State Univ  
Wichita KS 67260  
USA  
☎ 1 316 689 3190  
📠 1 316 689 3770  
✉ dra@twsumv.uw.twsu.edu

**Alexander Joseph K**

NASA Headquarters  
Code P  
Office Chief Scientist  
Washington DC 20546  
USA

**Alexander Murray E**

NRC  
Inst for Biodiagnostics  
435 Ellice Av  
Winnipeg MB R3B 1Y6  
Canada

**Alexander Paul**

MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 294  
📠 44 12 23 354 599  
✉ pa25@uk.ac.cam.phx

**Alexandrov Alexander N**

Astron Observ  
Observatorna str 3  
Kyiv 53 04053  
Ukraine  
☎ 380 44 216 0906  
📠 380 44 216 2630  
✉ alex@  
aoku.freenet.kiev.ua

**Alexandrov Yuri V**

Str Groznenskaya 32  
Apt 117  
310124 Kharkiv  
Ukraine  
☎ 380 5724 57537  
✉ alex@astron.kharkov.ua



**Alfaro Emilio Javier**  
Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 812 1311  
① 34 5 881 4530  
✉ emilio@iaa.es

**Alighieri Sperello Di Serego**  
Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 437 8540  
① 39 055 220 039

**Alimi Jean-Michel A**  
Observ  
DAEC  
PI J Janssen  
F 92195 Meudon Pl Cdx  
France  
☎ 33 1 45 07 7406  
① 33 1 45 07 7123  
✉ Jean-Michel.Alimi@obsprm.fr

**Alissandrakis C**  
Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414  
① 30 1 723 5122  
✉ calissan@cc.uoi.gr

**Alksnis Andrejs**  
Radioastrophys Observ  
Latvian Acad Sci  
Turgeneva 19  
LV 226098 Riga  
Latvia  
☎ 371 13 2 932088  
① 371 132 22 8784  
✉ astra@lza.riga.lv

**Alladin Saleh Mohamed**  
Astronomy Dpt  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 40 780 1744  
✉ sma@ouastr.ernet.in

**Allan David W**  
Box 66  
Fountain Green UT 84632  
USA  
① 1 801 445 3215  
✉ allanstime@yvax.byu.edu

**Allan Peter M**  
Astronomy Dpt  
Univ Manchester  
Oxford Rd  
Manchester M13 9PL  
UK  
☎ 44 161 275 4224  
① 44 161 275 4223

**Allard Nicole**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8082  
① 33 1 44 32 8001  
✉ allard@iap.fr

**Allegre Claude**  
IPG  
4 Pl Jussieu  
F 75005 Paris  
France

**Allen Anthony John**  
Astronomy Unit  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 975 5454  
① 44 181 981 9587  
✉ allen@uk.ac.qmc.maths

**Allen Christine**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3901  
① 52 5 616 0653  
✉ chris@astroscu.unam.mx

**Allen Ronald J**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4574  
① 1 410 338 4596  
✉ rjallen@stsci.edu

**Allen William**  
Alvine Estate  
456D Vintage Lane  
RD3, Blenheim 7321  
New Zealand  
☎ 64 3 572 9275  
① 64 3 572 9271  
✉ ewallen@voyager.co.nz

**Allen Jr John E**  
NASA/GSFC  
Astrochemistry Branch  
Code 691  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5896  
① 1 301 286 0212  
✉ john.e.allen@gsfc.nasa.gov

**Aller Hugh D**  
Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 313 764 3466  
① 1 313 764 2211

**Aller Lawrence Hugh**  
Dpt Astronomy/Phys  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 825 3515  
① 1 310 206 2096

**Aller Margo F**  
Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 313 764 3465  
① 1 313 764 2211

**Alley Carrol O**  
Physics Dpt  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 454 3405  
① 1 301 314 9547

**Alloin Danielle**  
ESO  
Alonso de Cordova 3107  
Casilla 19001  
Santiago 19  
Chile  
☎ 56 2 228 5006  
① 56 2 228 5132  
✉ dalloin@eso.org

**Al-Malki M B**  
Astronomy Dpt  
King Saud Univ  
Box 2455  
Riyadh 11451  
Saudi Arabia  
☎ 966 1 467 6314  
① 966 1 467 4253

**Almar Ivan**  
Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
① 36 1 275 4668

**Almleaky Yasseen**  
Astronomy Dpt  
KAAU  
Box 9028  
Jeddah 21413  
Saudi Arabia  
☎ 966 2 695 2285  
① 966 2 640 0736

**Al-Mostafa Zaki A**  
KACST  
PO Box 6086  
Riyadh 11442  
Saudi Arabia  
☎ 966 1 481 3575  
① 966 1 481 3526  
✉ zalmostafa@kacst.edu.sa

**Al-Naimiy Hamid M K**

Al al-Bayt Univ  
Astron/Space Sci  
PO Box 130302  
Mafrq  
Jordan  
☎ 962 6 457 1101  
☎ 962 6 569 9270  
✉ alnaimiy@yahoo.com

**Alonso Maria Victoria**

Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 433 1006  
☎ 54 351 433 1006  
✉ vicky@oac.uncor.edu

**Alpar Ali**

Physics Dpt  
Middle East Tech Univ  
06531 Ankara  
Turkey  
☎ 90 41 22 337100/ 3259  
☎ 90 41 22 36945  
✉ alpar@rmetu

**Alpher Ralph Asher**

Physics Dpt  
Union College  
Schenectady NY 12308  
USA  
☎ 1 518 388 6345  
☎ 1 518 388 6947  
✉ alpherr@gar.union.edu

**Al-sabti Abdul Adim**

UCLO  
Dpt Physics & Astron  
Mill Hill Park  
London NW7 2QS  
UK  
☎ 44 208 291 0421  
☎ 44 208 291 9211  
✉ aalsabti@ulo.ucl.ac.uk

**Altamore Aldo**

Istt Astronomico  
Univ d Roma La Sapienza  
Via G M Lancisi 29  
I 00161 Roma  
Italy  
☎ 39 06 440 3734  
☎ 39 06 440 3673

**Altenhoff Wilhelm J**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 293  
☎ 49 228 525 229

**Altrock Richard C**

AFGL  
NSO  
Box 62  
Sunspot NM 88349  
USA  
☎ 1 505 434 7016  
☎ 1 505 434 7029  
✉ raltrock@sunspot.noao.edu

**Altschuler Daniel R**

Arecibo Observ  
HC3 Box 53995  
Arecibo PR 00612  
USA  
☎ 1 809 878 2612  
☎ 1 809 878 1861  
✉ daniel@naic.edu

**Altschuler Martin D**

Dpt Rad Therapy Box 522  
Hosp Univ Pennsylvania  
3400 Spruce St  
Philadelphia PA 19104  
USA  
☎ 1 215 662 6472

**Altunin Valery I**

CALTECH/JPL  
MS 303 402  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 3358  
☎ 1 818 354 6290  
✉ valery.i.altunin@jpl.nasa.gov

**Altwegg Kathrin**

Physikalisches Inst  
Univ Bern  
Sidlerstr 5 C  
CH 3012 Bern  
Switzerland  
☎ 41 31 631 44 20  
☎ 41 31 631 44 05  
✉ altwegg@phim.unibe.ch

**Alurkar S K**

PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
☎ 91 272 44 5292

**Alvarez Hector**

Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
☎ 56 2 229 4002

**Alvarez Manuel**

Inst Astronomy  
Box 439027  
San Diego CA 92143 9027  
USA  
☎ 52 6 174 4580\*233  
☎ 52 6 174 4607  
✉ alvarez@alfa.astroscu.unam.mx

**Alvarez Pedro**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
☎ 34 2 232 9117  
✉ pam@iac.es

**Alvarez-Pomares Oscar A**

Inst Geophys/Astron  
C 212 N 2906/29 Y 31  
Lisa  
La Habana  
Cuba  
☎ 537 21 8435  
✉ oscaralv@geoastro.pco.cu

**Aly Jean-Jacques**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 4030  
☎ 33 1 69 08 9266  
✉ jjaly@cea.fr

**Amari Tahar**

Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7760  
☎ 33 1 45 07 7469  
✉ amari@obspm.fr

**Ambastha A K**

Udaipur Solar Observ  
11 Vidya Marg  
Udaipur 313 001  
India  
☎ 91 25 626

**Ambrosini Roberto**

Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9385  
☎ 39 051 639 9431  
✉ ambrosini@ira.bo.cnr.it

**Ambroz Pavel**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 314  
☎ 420 2 88 1611  
✉ pambroz@asu.cas.cz

**Ambruster Carol**

Astronomy Dpt  
Villanova Univ  
Mendel Hall  
Villanova PA 19085  
USA  
☎ 1 215 645 4822  
☎ 1 215 645 7465  
✉ ambruster@vuvaxcom

**Amendola Luca**

OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 353 4756  
☎ 39 06 353 47802  
✉ amendola@oarhp1.rm.astro.it

**Amram Philippe**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4167  
☎ 33 4 91 62 1190  
✉ amram@  
observatoire.cnrs-mrs.fr

**Anand S P S**

Applied Res Corp  
8201 Corporate Dr  
Suite 920  
Landover MD 20785  
USA  
☎ 1 301 459 8442  
☎ 1 301 459 0761

**Anandaram Mandayam N**

Physics Dpt  
Bangalore Univ  
Jnanabharathi Campus  
Bangalore 560 056  
India  
☎ 91 080 671 3955  
☎ 91 080 321 9295  
✉ buniphy@kar.nic.in

**Ananthkrishnan S**

NCRA TIFR  
Pune Univ Campus Pb 3  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 212 33 6105  
☎ 91 212 35 7257  
✉ ananth@ncra.tifr.res.in

**Anantharamaiah Kuduvalli**

RR1  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
☎ 91 80 334 0492  
✉ anantha@rri.ernet.in

**Anastasiadis Anastasios**

Inst Space Applications  
Remote Sensing  
Nat Obs Athens,  
Los Koufou, Palaia Penteli  
Ioannou Metaxa & Basileos  
Pavlou  
GR 15236 Athens  
Greece  
☎ 30 1 6138 340/42  
☎ 30 1 6138 343  
✉ anastasi@  
creator.space.noa.gr

**Andernach Heinz**

Dpt Astronomia  
Univ Guanajuato  
Apdo 144  
Guanajuato GTO 36000  
Mexico  
☎ 52 4 732 9548  
☎ 52 4 732 0253  
✉ heinz@astro.ugto.mx

**Andersen Johannes**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5934  
☎ 45 35 32 5989  
✉ ja@astro.ku.dk

**Andersen Torben E**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 4703  
☎ 46 46 222 4614  
✉ torben.andersen@  
astro.lu.se

**Anderson Bryan**

NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
☎ 44 147 757 1618

**Anderson Christopher M**

Washburn Observ  
Univ Wisconsin  
475 N Charter St  
Madison WI 53706  
USA  
☎ 1 608 262 0492  
☎ 1 608 263 0361

**Anderson Kinsey A**

Space Sci Laboratory  
Univ California  
Grizzly Peak Blvd  
Berkeley CA 94720 7950  
USA  
☎ 1 415 642 1313

**Anderson Kurt S**

Astronomy Dpt  
NMSU  
Box 30001 Dpt 4500  
Las Cruces NM 88003  
USA  
☎ 1 505 646 1032  
☎ 1 505 646 1602

**Andersson Bengt Goeran**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 8378  
☎ 1 410 516 5494  
✉ bg@pha.jhu.edu

**Ando Hiroyasu**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3601  
☎ 81 422 34 3608  
✉ oandoxx@  
c1.mtk.nao.ac.jp

**Andreani Paola Michela**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3442  
☎ 39 049 875 9840

**Andreev Vladimir V**

Engelhardt Astronom  
Observ  
Observatoria Station  
422526 Kazan  
Russia  
☎ 7 32 4827  
☎ 7 38 0924  
✉ eao@astro.kazan.su

**Andrei Alexandre H**

Observ  
Rua Ga. Jose Cristino 77  
Sao Cristovao  
Rio de Janeiro RJ 20921 400  
Brazil  
☎ 55 21 589 2955  
☎ 55 21 589 8972  
✉ oat1@on.br

**Andreic Zeljko**

Rudjer Boskovic Inst  
Physics Dpt  
Bijenicka 54  
HR 10000 Zagreb  
Croatia  
☎ 385 1 456 1222  
☎ 385 1 425 497  
✉ andreic@rudjer.irb.hr

**Andrews David A**

Armagh Observ  
College Hill  
Armagh BT61 9DG  
UK  
☎ 44 18 61 522 928  
☎ 44 18 61 527 174

**Andrews Frank**

Carter Observ  
Ntl Observ New Zealand  
Box 2909  
Wellington 1  
New Zealand  
☎ 64 4 472 8167  
☎ 64 4 472 8320

**Andrienko Dmitry A**

Astron Observ  
Kyiv State Univ  
Observatornaya Ul 3  
252053 Kyiv  
Ukraine  
☎ 380 4421 62691

**Andrievsky Sergei**

Astronomy Dpt  
Odessa State Univ  
Shevchenko Park  
270014 Odessa  
Ukraine  
☎ 380 4822 28442  
📠 380 4822 28442  
✉ root@astro.odessa.ua

**Andrillat Yvette**

27ter r A de Capronne  
F 34000 Montpellier  
France  
☎ 33 6 79 25 359

**Andronov Ivan**

Astronomy Dpt  
Odessa State Univ  
Shevchenko Park  
270014 Odessa  
Ukraine  
☎ 380 4822 28442  
📠 380 4822 28442  
✉ root@astro.odessa.ua

**Andronova Anna A**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4252  
📠 7 812 123 4922  
✉ gaoran@mail.wplus.net

**Angel J Roger P**

Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 6541  
✉ rangel@as.arizona.edu

**Angeletti Lucio**

OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 347 056  
📠 39 06 349 8236

**Angelov Trajko**

Astronomy Dpt  
Univ Belgrade  
Studentski Trg 16  
11000 Beograd  
Yugoslavia FR  
☎ 381 1 163 8715  
📠 381 1 163 0151  
✉ trajkoa@matf.bg.ac.yu

**Angione Ronald J**

Astronomy Dpt  
San Diego State Univ  
San Diego CA 92182  
USA  
☎ 1 619 265 6183  
📠 1 619 594 1413  
✉ angione@  
mintaka.sdsu.edu

**Anglada Guillem**

Inst Astrofisica de Andalucia  
Camino Bajo de Hueter 24  
E 18008 Granada  
Spain  
☎ 34 958 12 13 11  
📠 34 958 81 45 30  
✉ guillem@iaa.es

**Anile Angelo M**

Dpt Matematica  
Citta Universitaria  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 0533  
📠 39 095 33 0592

**Ann Hong Bae**

Dpt Earth Sciences  
Pusan Ntl Univ  
Kum Jong Ku  
Pusan 609 735  
Korea RP  
☎ 82 515 10 2705  
📠 82 515 13 7495  
✉ hbann@  
cosmos.es.pusan.ac.kr

**Anosova Joanna**

Aerospace Dpt  
Univ Texas  
Austin TX 78712  
USA  
☎ 1 512 448 1358  
📠 1 512 471 3788  
✉ anosova@  
clyde.as.utexas.edu

**Ansari S M Razauallah**

Physics Dpt  
Aligarh Muslim Univ  
Aligarh Up 202 002  
India  
☎ 91 57 140 1001  
📠 91 571 400 466  
✉ Raza.Ansari@gmx.net

**Antalova Anna**

Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 96 7866  
📠 421 969 96 7656

**Anthony-Twarog Barbara J**

Dpt Phys/Astronomy  
Univ Kansas  
Lawrence KS 66045  
USA  
☎ 1 913 864 4933  
📠 1 913 864 5262  
✉ anthony@  
kuphs.phsx.ukans.edu

**Antia H M**

TIFR  
Homi Bhabha Marg  
Navy Nagar Colaba  
Mumbai MH 400 085  
India  
☎ 91 22 215 2311  
📠 91 22 215 2110

**Antiochos Spiro Kosta**

NRL  
Code 7675  
4555 Overlook Av SW  
Washington DC 20375 5352  
USA  
☎ 1 202 767 6199  
📠 1 202 404 7997  
✉ santiochos@  
solar.stanford.edu

**Antipova Lyudmila I**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 0680  
📠 7 095 230 2081  
✉ antipova@  
inasan.rssi.ru

**Antonacopoulos Greg**

Astronomy Dpt  
Univ Patras  
GR 261 10 Rion  
Greece  
☎ 30 61 99 7572  
📠 30 61 99 7636

**Antonello Elio**

Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
📠 39 09 908 492

**Antonopoulou E**

Astronomy Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3211  
📠 30 1 723 5122

**Antonov Vadim A**

Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 278 88 35  
📠 7 812 272 79 68  
✉ ita@iipah.spb.ru

**Antonucci Ester**

Istt Fisica  
Univ d Torino  
Corso d Azeglio 46  
I 10125 Torino  
Italy  
☎ 39 011 657 694

**Antonuccio-Delogo**

Vincenzo  
Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2244  
📠 39 095 33 0592  
✉ vantonuccio@  
astrct.ct.astro.it

**Antov Alexandar**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
📠 359 2 75 8927  
✉ belogr@phys.bas.bg

**Anupama G C**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672  
① 91 80 553 4043  
✉ gca@iiap.ernet.in

**Anzer Ulrich**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 00  
① 49 893 299 3235

**Aoki Shinko**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5111  
① 81 422 34 3793  
✉ baoki2x@  
cl.mtk.nao.ac.jp

**Aparici Juan**

Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
① 56 2 229 4002

**Aparicio Antonio**

Inst Astrofisica de Canarias  
C. Via Lacte s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 605 245  
① 34 922 605 210  
✉ aaj@iac.es

**Apparao K M V**

TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 219 111\*341  
① 91 22 215 2110

**Appenzeller Immo**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9292  
① 49 622 150 9202  
✉ iappenze@  
lsw.uni-heidelberg.de

**Appleby John F**

APL  
JHU  
Johns Hopkins Rd  
Laurel MD 20723 6099  
USA  
☎ 1 301 953 5243  
① 1 301 953 5969  
✉ John.Appleby@  
jhuapl.edu

**Appleton Philip Noel**

Physics Dpt  
Iowa State Univ  
Ames IA 50011  
USA  
☎ 1 515 294 3667  
① 1 515 294 3262

**Aquilano Roberto Oscar**

Inst Fisica de Rosario  
CONICET - UNR  
Bv 27 de Febrero 210 bis  
2000 Rosario  
Argentina  
☎ 54 341 485 3200\*22  
① 54 341 482 1772  
✉ aquilano@  
ifir.ifir.edu.ar

**Arabelos Dimitrios**

Dpt Geodesy/Survey  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 2693  
① 30 31 99 6408  
✉ arab@eng.auth.gr

**Arafune Jiro**

Inst Cosmic Ray Res  
Univ Tokyo  
Midoricho Tanashi  
Tokyo 188  
Japan  
☎ 81 424 61 4131  
① 81 424 68 1438

**Arai Kenzo**

Physics Dpt  
Kumamoto Univ  
2 39 1 Kurokami  
Kumamoto 860  
Japan  
☎ 81 963 442111

**Ardayan Houshang**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523

**Ardeberg Arne L**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7290  
① 46 46 222 4614  
✉ arne.ardeberg@  
astro.lu.se

**Ardebili M Reza**

Box 47415 341  
Babolsar  
Iran

**Ardi Eliani**

Dpt Astronomy  
ITB  
JI Ganesha 10  
Bandung 40132  
Indonesia  
☎ 62 22 251 1576  
① 62 22 250 9170  
✉ eliani@  
antares.as.itb.ac.id

**Arduini-Malinovsky**

Monique  
CNES  
2 Pl Maurice Quentin  
F 75039 Paris Cdx 01  
France  
☎ 33 1 44 76 7500  
① 33 1 44 76 7676

**Arellano Ferro Armando**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 4 732 0253  
✉ armando@  
astroscu.unam.mx

**Arenou Frederic**

Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7849  
① 33 1 45 07 7878  
✉ frederic.arenou@  
obspm.fr

**Argyle P E**

Suite 401  
5880 Hampton Place  
Vancouver BC V6T 2E9  
Canada

**Argyle Robert William**

Astronomy Survey Unit  
Inst Astronomy  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 524  
① 44 12 23 337 523  
✉ rwa@ast.cam.ac.uk

**Arias Elisa Felicitas**

Head Time Section  
BIPM  
Pavillon de Breteuil  
F 92312 Sevres Cdx  
France  
☎ 33 1 45 07 7076  
① 33 1 45 07 7059  
✉ faria@bipm.fr

**Arimoto Nobuo**

Inst Astronomy  
Univ Tokyo  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3732  
① 81 422 34 3749  
✉ arimoto@  
mtk.ioa.s.u-tokyo.ac.jp

**Arkharov Arkadi A**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4431  
☎ 7 812 123 1922  
✉ vera@sai.nsu.su

**Arkhypova Vera P**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2567  
☎ 7 095 939 0126

**Arlot Jean-Eudes**  
IMCCE  
Observatoire de Paris  
77 Av Denfert Rochereau  
F 75014 Paris  
France  
☎ 33 1 40 51 2267  
☎ 33 1 46 33 2834  
✉ arlot@bdl.fr

**Armandroff Taft E**  
NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8382  
☎ 1 520 318 8360  
✉ armand@noao.edu

**Armstrong John Thomas**  
USNO  
Astrometry Dpt  
3450 Massachusetts Av NW  
Washington DC 20392 5100  
USA  
☎ 1 202 653 1769  
✉ tarmstr@atlas.usno.navy.mil

**Arnal Marcelo Edmundo**  
IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 221 425 4909  
☎ 54 221 421 1761  
✉ arnal@irma.iar.unlp.edu.ar

**Arnaud Jean-Paul**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2929  
☎ 33 5 61 53 6722  
✉ arnaud@obs-mip.fr

**Arnaud Monique**  
DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 2041  
☎ 33 1 69 08 6577  
✉ marnaud@discovery.saclay.cea.fr

**Arnett W David**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 9587  
☎ 1 520 621 1532  
✉ dave@bohr.physics.arizona.edu

**Arnold James R**  
Dpt Chemistry  
UCSD  
Box 017  
La Jolla CA 92093 0216  
USA  
☎ 1 619 534 2908  
☎ 1 619 534 2294

**Arnould Marcel L**  
Inst Astrophysique  
Univ Bruxelles  
Campus Plaine CP 226  
B 1050 Bruxelles  
Belgium  
☎ 32 2 650 2864  
☎ 32 2 650 4226  
✉ marnould@astro.ulb.ac.be

**Arny Thomas T**  
Dpt Phys/Astronomy  
Univ Massachusetts  
GRC B  
Amherst MA 01003  
USA  
☎ 1 413 545 2194

**Arons Jonathan**  
Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA  
☎ 1 415 642 4730  
☎ 1 510 642 3411

**Arp Halton**  
MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 880  
☎ 49 893 299 3235

**Arpigny Claude**  
Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
☎ 32 4 254 7511  
✉ arpigny@astro.ulg.ac.be

**Arribas Santiago**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
☎ 34 2 260 5210

**Arsenijevic Jelisaveta**  
Astron Observ  
Volgina 7  
11060 Beograd  
Yugoslavia FR  
☎ 381 1 141 9357/421 875  
☎ 381 1 141 9553  
✉ jarsenijevic@aob.bg.ac.yu

**Arshakian Tigran G**  
Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
☎ 374 88 52 52 3640  
✉ tigar@bao.sci.am

**Artamonov Boris P**  
SAI  
Acad Sciences  
Universitetskii Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 22 45  
✉ artamon@sai.msu.su

**Arthur David W G**  
USGS  
Br Astrogeology  
2255 N Gemini Dr  
Flagstaff AZ 86001  
USA

**Arthur Jane**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3910  
☎ 52 5 616 0653  
✉ jane@astrosmo.unam.mx

**Artru Marie-Christine**  
CRAL  
ENS  
46 All Italie  
F 69364 Lyon Cdx 07  
France  
☎ 33 4 72 72 8000  
☎ 33 4 72 72 8080

**Artymowicz Pawel**  
Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 716 4461  
☎ 46 8 717 4719  
✉ pawel@astro.su.se

**Artyukh Vadim S**  
Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia  
☎ 7 095 923 3558  
☎ 7 095 135 7880  
✉ artyukh@rasfian.serpukhov.su

**Artzner Guy**

IAS  
Bt 121  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 85 8584/8525  
📠 33 1 69 85 8675

**Aschenbach Bernd**

MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 00  
📠 49 893 299 3569

**Aschwanden Markus**

LMMS  
Dpt H112 Bg 252  
3251 Hanover St  
Palo Alto CA 94304 1191  
USA  
☎ 1 650 424 4001  
📠 1 650 424 3994  
✉ aschwanden@  
sag.lmsal.com

**Asher David J**

Armagh Observ  
College Hill  
Armagh BT61 9DG  
UK  
☎ 44 28 37 522 928  
📠 44 28 3752 7174  
✉ dja@star.arm.ac.uk

**Ashley Michael**

School Physics  
UNSW  
Sydney NSW 2052  
Australia  
☎ 61 2 9385 5465  
📠 61 2 663 3420  
✉ mcba@  
newt.phys.unsw.edu.au

**Ashok N M**

PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
📠 91 272 44 5292  
✉ ashok@prl.ernet.in

**Aslan Zeki**

Akdeniz Universitesi  
Fen-Edebiyat Fakultesi  
Fizik Bolumu PK 510  
Antalya  
Turkey

**Aslanov I A**

Shemakha Astrophysical  
Observ  
Azerbaijan Acad Sci  
373243 Shemakha  
Azerbaijan  
☎ 994 89 22 39 8248

**Aspin Colin**

Gemini Observ  
670 N A'ohuku Place  
Hilo HI 96720  
USA  
☎ 1 808 974 2580  
📠 1 808 935 9650  
✉ caa@gemini.edu

**Asplund Martin**

Uppsala Astron Observ  
Box 515  
SE 75120 Uppsala  
Sweden  
☎ 46 18 471 5981  
📠 46 18 471 5999  
✉ martin@astro.uu.se

**Asseo Estelle**

CTP  
Ecole Polytechnique  
F 91128 Palaiseau Cdx  
France  
☎ 33 1 69 41 8200

**Assousa George Elias**

545 Boylston St  
Suite 901  
Boston MA 02116  
USA

**Assus Pierre**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3086  
📠 33 4 92 00 3033  
✉ Pierre.Assus@  
obs-nice.fr

**Asteriadis Georgios**

Dpt Geodesy/Astron  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 2693

**Atac Tamer**

Kandilli Observ  
Bogazici Univ  
Cengelkoy  
81220 Istanbul  
Turkey  
☎ 90 216 308 0514  
📠 90 216 332 1711  
✉ atac@boun.edu.tr

**Atanackovic-Vukmanovic**

**Olga M**  
Fac Mathematics  
Univ Belgrade  
Dpt Astronomy  
Studentski Trg 16  
11000 Beograd  
Yugoslavia FR  
☎ 381 1 163 8715  
📠 381 1 163 0151  
✉ olga@matf.bg.ac.yu

**Athanassoula Evangelia**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4110  
📠 33 4 91 62 1190  
✉ lia@  
observatoire.cnrs-mrs.fr

**Athay R Grant**

1818 N Sundai  
Nesa AZ 85205  
USA  
✉ athay@ncar.ucar.edu

**Atherton Paul David**

Queensgate Instruments  
Willoughby Road  
Bracknell  
Berkshire RG12 8FB  
UK  
☎ 44 17 15 94 777

**Atkinson David H**

Dpt Electric Engin  
Univ Idaho  
Moscow ID 83844 1023  
USA  
☎ 1 208 885 6870  
📠 1 208 885 7579  
✉ atkinson@  
maxwell.ec.uidaho.edu

**Atreya Sushil K**

Space Physics Res Lb  
Univ Michigan  
2455 Hayward St  
Ann Arbor MI 48109 2143  
USA  
☎ 1 734 763 6234  
📠 1 734 764 5137  
✉ atreya@umich.edu

**Aubier Monique G**

Observ  
ARPEGES  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7755  
📠 33 1 45 07 7939  
✉ Monique.Aubier@  
obspm.fr

**Audouze Jean**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8133  
📠 33 1 44 32 8001  
✉ audouze@iap.fr

**Auer Lawrence H**

LANL  
MS F665 ESS 5  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 5824  
📠 1 505 665 4055

**Augarde Renee**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
📠 33 4 91 62 1190

**Augason Gordon C**  
NASA ARC  
MS 245 6  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 694 4156  
📠 1 415 604 6779

**Auluck Faqir Chand**  
Dpt Phys/Astrophys  
Univ Delhi  
New Delhi 110 007  
India  
☎ 91 11 291 8993

**Auman Jason R**  
Dpt Geophys/Astronomy  
UBC  
2075 Wesbrook Pl  
Vancouver BC V6T 1W5  
Canada  
☎ 1 604 228 2892  
📠 1 604 228 6047

**Auner Gerhard**  
Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 885  
📠 43 1 427 795 18  
✉ auner@astro.univie.ac.at

**Aurass Henry**  
Zntrlnst Astrophysik  
Sternwarte Babelsberg  
An der Sternwarte 16  
D 14473 Potsdam  
Germany  
☎ 49 331 762225

**Auriemma Giulio**  
Dpt Fisica  
Univ d Roma La Sapienza  
Pl A Moro 2  
I 00185 Roma  
Italy  
☎ 39 06 497 6336  
📠 39 06 202 3507

**Auriere Michel**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 62 95 1969  
📠 33 5 61 27 3179

**Auvergne Michel**  
Observ  
DASGA  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7847  
📠 33 1 45 07 7878  
✉ Michel.Auvergne@obspm.fr

**Avery Lorne W**  
Herzberg Inst Astrophysics  
Victoria BC V9E 2E7  
Canada  
☎ 1 250 363 6919  
📠 1 250 363 6916  
✉ lorne.avery@nrc.ca

**Avgoloupis Stavros**  
Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 1357

**Avignon Yvette**  
Observ  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France

**Avrett Eugene H**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7423  
📠 1 617 495 7356  
✉ avrett@cfa.harvard.edu

**Awad Mervat El-Said**  
Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
📠 20 2 572 7556

**Awadalla Nabil Shoukry**  
Ntl Inst Astronomy/Geophys  
Helwan Cairo  
Egypt  
☎ 20 204 5671  
✉ nsawadalla@hotmail.com

**Awaki Hisamitsu**  
Physics Dpt  
Kyoto Univ  
Sakyo ku  
Kyoto 606 01  
Japan  
☎ 81 757 53 3851  
📠 81 75 701 5377  
✉ awaki@cr.scphys.kyoto.u.ac.jp

**Axford W Ian**  
MPI Aeronomie  
Max Planck Str 2  
Postfach 20  
D 37189 Katlenburg Lindau  
Germany  
☎ 49 555 641 414  
📠 49 555 965 527

**Axon David**  
Univ Hedfordshire  
College Lane  
Hatfield Herts AL10 9AB  
UK  
☎ 44 147 477 1321  
📠 44 147 757 1618  
✉ dja@ast.man.ac.uk

**Ayani Kazuya**  
Bisei Astronomical Observ  
Ohkura  
BISEI  
Okayama 714 14  
Japan  
☎ 81 866 87 4222  
📠 81 866 87 4224  
✉ ayani@bao.go.jp

**Aydin Cemal**  
Astronomy Dpt  
Univ Ankara  
Fen Fakultesi  
06100 Besevler  
Turkey  
☎ 90 41 23 2105\*94  
📠 90 312 223 2395

**Ayres Thomas R**  
CASA  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0391  
USA  
☎ 1 303 492 5320  
📠 1 303 492 5941

**Azcarate Ismael N**  
IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 221 474 0230  
📠 54 221 425 4909  
✉ azcarate@irma.iar.unlp.edu.ar

**Azuma Takahiro**  
Dokkyo Univ  
SOKA  
Saitama 340  
Japan  
☎ 81 489 42 1111

**Azzopardi Marc**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4111  
📠 33 4 91 62 1190  
✉ azzopardi@observatoire.cnrs-mrs.fr



## B

**Baade Dietrich**

ESO  
ST-ECF  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6388  
☎ 49 893 202 362  
✉ dbaade@eso.org

**Baan Willem A**

Westerbork/Dwingeloo  
Observ  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5128  
☎ 31 521 59 7332  
✉ willem@nfra.nl

**Baars Jacob W M**

ESO  
ESO-ALMA Project  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 413 545 3192  
✉ jbaars@eso.org

**Baart Edward E**

Dpt Phys/Electronics  
Rhodes Univ  
Box 94  
6140 Grahamstown  
South Africa  
☎ 27 461 318 454/318450  
☎ 27 461 250 49

**Baath Lars B**

Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5500  
☎ 46 31 772 5550

**Baba Naoshi**

Applied Phys Dpt  
Hokkaido Univ  
N 13 W 8  
Sapporo 060  
Japan  
☎ 81 117 06 6627  
☎ 81 117 16 6175  
✉ babal@optica.huap.hokudai.ac.jp

**Badadzhanianc Michail K**

Astron Observ  
St Petersburg Univ  
Bibliotechnaja Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 257 9491  
☎ 7 812 428 4259

**Babadzhanov Pulat B**

Astrophys Inst  
Tajik Acad Sci  
Bukhoro Str 22  
734042 Dushanbe  
Tajikistan  
☎ 7 3772 27 4614  
☎ 7 3772 21 5084  
✉ pulat@astro.td.silk.org

**Babcock Horace W**

Carnegie Observ  
813 Santa Barbara St  
Pasadena CA 91101 1292  
USA  
☎ 1 818 577 1122  
☎ 1 818 795 8136

**Babel Jacques**

36 r d Battieux  
CH 2000 Neuchatel  
Switzerland  
☎ 41 31 323 2381  
✉ babelj@bluewin.ch

**Babin Arthur**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
☎ 380 6554 40704

**Babin Valerij G**

Sibizmir  
Acad Sciences  
664697 Irkutsk 33  
Russia  
☎ 7 395 262 9383

**Babu G S D**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 9179  
☎ 91 80 553 4043  
✉ gsdbabu@iiap.ernet.in

**Bacchus Pierre**

40 r Haute  
F 77130 La Gde Paroisse  
France  
☎ 33 1 64 32 1315

**Bachiller Rafael**

Observ Nacional  
Apt 1143  
E 28800 Alcalá de Henares  
Spain  
☎ 34 1 885 5060  
☎ 34 1 885 5062  
✉ bachiller@oan.es

**Backer Donald Ch**

Radio Astronomy Lab  
Univ California  
601 Campbell Hall  
Berkeley CA 94720  
USA  
☎ 1 415 642 5128  
☎ 1 415 642 3411  
✉ dbacker@bkypsr.berkeley.edu

**Badiali Massimo**

IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
☎ 39 06 206 60188  
✉ massimo@saturn.ias.rm.cnr.it

**Badolati Ennio**

Via G Cotronei 11  
I 80129 Napoli  
Italy  
☎ 39 08 1243 245

**Baeck Nicole A I**

Math Physics/Astronomy  
Universiteit Gent  
Krijgslaan 281 S9  
B 9000 Gent  
Belgium  
☎ 32 92 64 4764  
☎ 32 92 64 4989  
✉ nicole.baeck@izar.rug.ac.be

**Baek Chang Ryong**

Physics Dpt  
Kim Il Sung Univ  
Taesong district  
Pyongyang  
Korea DPR

**Baerentzen Jorn**

Elmehojvej 66  
DK 8270 Højbjerg  
Denmark  
☎ 45 86 27 2428

**Baessgen Martin**

Im Wartwesen 11  
D 72827 Wannweil  
Germany  
✉ M.Baessgen@t-online.de

**Baffa Carlo**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2298  
☎ 39 055 220 039  
✉ baffa@arcetri.astro.it

**Bagala Liria G**

IAFE  
CC 67 Suc 28  
Buenos Aires 1428  
Argentina  
☎ 54 11 4781 6755  
☎ 54 11 4786 8114  
✉ gbagala@mpe.mpg.de

**Bagare S P**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585/497  
📠 91 80 553 4043

**Baggaley William J**

Dpt Phys/Astronomy  
Univ Canterbury  
Private Bag 4800  
Christchurch 1  
New Zealand  
☎ 64 3 366 7001\*7559  
📠 64 3 364 2469  
✉ phys051@  
csc.canterbury.ac.nz

**Baglin Annie**

Observ  
DASGAL  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 47 05 7855  
📠 33 1 45 07 7872  
✉ Annie.Baglin@obspm.fr

**Bagnuolo Jr William G**

CHARA  
Georgia State Univ  
Atlanta GA 30303 3083  
USA  
☎ 1 404 651 2932  
📠 1 404 542 2492

**Bagoly Zsolt**

Dpt Atomic Physics  
Eotvos Univ  
Pushkin U 5 7  
HU 1083 Budapest  
Hungary  
☎ 36 1 187 902  
📠 36 1 118 0206

**Bagri Durgadas S**

NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 772 4011  
📠 1 505 835 7027

**Bagrov Alexander**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 953 16 24  
📠 7 095 230 20 81  
✉ abagrov@inasan.rssi.ru

**Bahcall John N**

Inst Advanced Study  
School Natural Science  
Olden LN Bg E  
Princeton NJ 08540  
USA  
☎ 1 609 734 8054  
📠 1 609 924 7592  
✉ jnb@ias.edu

**Bahcall Neta A**

Peyton Hall  
Princeton Univ  
Princeton NJ 08544 1001  
USA  
☎ 1 609 258 6065  
📠 1 609 258 1020  
✉ Neta@  
astro.princeton.edu

**Bahner Klaus**

MPI Astronomie  
Adolf Kolping Str 5  
D 6903 Neckargemuend  
Germany  
☎ 49 62 23 3735

**Baier Frank**

Galerie des Universums  
Heinrich Mann Allee 105B  
D 14473 Postdam  
Germany  
✉ fbaier@aip.de

**Bailey Jeremy A**

AAO  
Box 296  
Epping NSW 2121  
Australia  
☎ 61 2 868 1666  
📠 61 2 9876 8536

**Bailey Mark Edward**

Armagh Observ  
College Hill  
Armagh BT61 9DG  
UK  
☎ 44 18 61 522 928  
📠 44 18 61 527 174  
✉ mcb@star.arm.ac.uk

**Baird Scott R**

Dpt Phys/Astronomy  
Benedictine College  
N 14  
Atchison KS 66002 1499  
USA  
☎ 1 913 367 5340

**Bajaja Esteban**

IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 21 25 4909  
✉ bajaja@  
irma.iar.unlp.edu.ar

**Bajtlik Stanislaw**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
📠 48 22 841 0828  
✉ bajtlik@camk.edu.pl

**Baker James Gilbert**

14 French Dr  
Bedford NH 03102  
USA  
☎ 1 603 472 5860

**Baker Joanne**

Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720  
USA  
☎ 1 510 642 3792  
📠 1 510 642 3411  
✉ jcb@astro.berkeley.edu

**Baker Norman H**

Astronomy Dpt  
Columbia Univ  
538 W 120th St  
New York NY 10027  
USA  
☎ 1 212 280 3280  
📠 1 212 316 9504

**Bakhtigaraev Nail**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 992 4207  
📠 7 095 230 2081  
✉ nail@inasan.rssi.ru

**Bakry Abdel-aziz**

El Azhar Univ  
Fac Sciences  
Astronomy Dpt  
Cairo  
Egypt  
☎ 20 2 262 9357/58  
📠 20 2 261 1404  
✉ zcc3159@kaau.edu.sa

**Balachandran Suchitra C**

Astronomy Dpt  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 3101  
📠 1 301 314 9067  
✉ suchitra@astro.umd.edu

**Balanca Christian**

Observ  
DAMAP  
pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7405  
📠 33 1 45 07 7121  
✉ christian.balanca@  
obspm.fr

**Balasubramanian V**

TIFR/Radio Astronomy Ctr  
Box 8  
Udhagamandalam 643 001  
India  
☎ 91 423 2032

**Balazs Bela A**

Astronomy Dpt  
Eotvos Univ  
Ludovika ter 2  
HU 1083 Budapest  
Hungary  
☎ 36 1 114 1019  
📠 36 1 210 1089  
✉ bb@innin.elte.hu

**Balazs Lajos G**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
📠 36 1 275 4668  
✉ balazs@  
ogyalla.konkoly.hu

**Balbus Steven A**  
Univ Station  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
0818 USA  
☎ 1 804 924 4897  
✉ sb@virginia.edu

**Balcells Marc**  
IAC  
C/ via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 60 5390  
☎ 34 922 60 5210  
✉ balcells@ll.iac.es

**Baldinelli Luigi**  
CP 1630  
I 40100 Bologna  
Italy  
☎ 39 051 227 002

**Baldry Ivan K**  
AAO  
PO Box 296  
Epping NSW 2121  
Australia  
☎ 61 2 9372 4840  
☎ 61 2 9372 4880  
✉ baldry@  
aaoepp.aao.gov.au

**Baldwin Jack A**  
Physics/Astronomy Dpt  
Michigan State Univ  
East Lansing MI 48824 1116  
USA  
☎ 1 517 432 9264  
☎ 1 517 353 4500  
✉ baldwin@pa.msu.edu

**Baldwin John E**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 294  
☎ 44 12 23 354 599  
✉ jeb@mrao.cam.ac.uk

**Baldwin Ralph B**  
3604 E Fulton Street 243  
Grand Rapids MI 49545  
1397  
USA  
☎ 1 619 949 6190

**Balega Yuri Yu**  
SAO  
Nizhnij Arkhыз  
Zelenchuk region  
369167 Zelenchuk  
Russia  
☎ 7 878 784 6436  
☎ 7 901 498 2391  
✉ balega@sao.ru

**Balick Bruce**  
Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 543 7683  
☎ 1 206 685 0403  
✉ balick@  
astro.washington.edu

**Baliunas Sallie L**  
CfA  
HCO/SAO MS 15  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7415  
☎ 1 617 495 7049  
✉ baliunas@  
cfa.harvard.edu

**Baliyan Kiran S**  
Astronomy/Astrophysics Div  
Physical Research  
Laboratory  
Ahmedabad 380 009  
India  
☎ 91 79 630 2129  
☎ 91 79 630 1502  
✉ baliyan@prl.ernet.in

**Balklavs A E**  
Radioastrophys Observ  
Latvian Acad Sci  
Turgeneva 19  
LV 226524 Riga  
Latvia

**Balkowski-Mauger Chantal**  
Observ  
DAEC  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7556  
☎ 33 1 45 07 7123  
✉ Balkowski@obsppm.fr

**Ball John A**  
Haystack Observ  
Westford MA 01886  
USA  
☎ 1 617 692 4764  
☎ 1 617 981 0590

**Ball Lewis**  
Theoretical Astrophysics  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 9351 2621  
☎ 61 2 660 2903  
✉ ball@  
physics.usyd.edu.au

**Ballabh Goswami Mohan**  
Astronomy Dpt  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 040 701 7306  
☎ 91 040 701 8704  
✉ gmb@ouastr.ernet.in

**Ballereau Dominique**  
Observ  
DASGAL  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7854  
☎ 33 1 45 07 7878  
✉ Dominique.Ballereau  
@obsppm.fr

**Ballester Jose Luis**  
Dpt Fisica  
Univ Las Islas  
Balears  
E 07071 Palma de Mallorca  
Spain  
☎ 34 7 117 3228  
☎ 34 7 117 3426  
✉ dfsjlb0@ps.uib.es

**Ballesteros Ezequiel**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 60 5200  
☎ 34 922 60 5210  
✉ ebr@ll.iac.es

**Bally John**  
CASA  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0389  
USA  
☎ 1 303 492 5786  
☎ 1 303 492 7178  
✉ bally@  
janos.colorado.edu

**Balmino Georges G**  
CNES/GRGS/BGI  
18 Av E Belin  
F 31055 Toulouse Cdx  
France  
☎ 33 5 61 27 4427  
☎ 33 5 61 27 3179

**Balona Luis Antero**  
SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
☎ 27 21 447 3639  
✉ lab@sao.ac.za

**Balonek Thomas J**  
Dpt Phys/Astronomy  
Colgate Univ  
Hamilton NY 13346  
USA  
☎ 1 315 228 7767  
☎ 1 315 228 7187  
✉ tbalonek@colgateu.edu

**Balser Dana S**  
NRAO  
Box 2  
Green Bank WV 24944  
USA  
☎ 1 304 456 2204  
☎ 1 304 456 2170  
✉ dbalser@nrao.edu

**Balthasar Horst**  
AIP  
An der Sterwarte 16  
D 14482 Potsdam  
Germany  
✉ hbalthasar@aip.de

**Balteau Jean-Paul**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
📞 33 4 91 62 1190  
✉ jean-Paul.Balteau@  
astrsp-mrs.fr

**Banday Anthony J**

MPI Astrophysk  
Karl Schwarzschildst 1  
Postfach 1523  
D 85740 Garching  
Germany  
☎ 49 89 3299 3231  
📞 49 89 3299 3235  
✉ banday@  
mpa.garching.mpg.de

**Bandermann L W**

21131 Grenola Dr  
Cupertino CA 95014  
USA

**Bandiera Rino**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 437 8540  
📞 39 055 220 039  
✉ bandiera@astrfi.infn.it

**Bandyopadhyay A**

Res Division  
Birla Planetarium  
96 Jawaharlal Nehru Rd  
Calcutta 700 071  
India  
☎ 91 33 281 515

**Banerji Sriranjjan**

26 Sakar Lane  
Calcutta 700 007  
India  
✉ sbam@cal2.vsnl.net.in

**Bang Yong Gol**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134

**Bangert John A**

USNO  
Astron Applications Dpt  
3450 Massachusetts Ave NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1447  
📞 1 202 762 1612  
✉ bangert@  
aa.usno.navy.mil

**Banhatti Dilip Gopal**

School Physics  
Madurai-Kamaraj Univ  
Madurai 625 021  
India  
☎ 91 452 859 054  
📞 91 452 859 105  
✉ dilip@  
cygnus.unimuenster.de

**Bania Thomas Michael**

Astronomy Dpt  
Boston Univ  
725 Commonwealth Av  
Boston MA 02215  
USA  
☎ 1 617 353 3652  
📞 1 617 353 3200

**Banni Aldo**

Osserv Astronomico  
d Cagliari  
Poggio d Pini 54  
I 09012 Capoterra  
Italy  
☎ 39 07 072 5246  
📞 39 07 072 5425  
✉ banni@ca.astro.it

**Banos Cosmas J**

Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 346 1191  
📞 30 1 346 4566

**Banos George J**

Physics Dpt  
Univ Ioannina  
GR 451 10 Ioannina  
Greece  
☎ 30 65 19 8471  
📞 30 65 14 5697

**Bao Keren**

Nanjing Astron  
Instrument Factory  
Box 846  
Nanjing  
China PR  
☎ 86 25 46191  
📞 86 25 71 1256

**Baptista Raymundo**

Dpt de Fisica - CFM  
UFSC, Campus Trindade  
88040 900 Florianopolis  
Brazil  
☎ 55 48 331 9069  
📞 55 48 331 9946  
✉ bap@fsc.ufsc.br

**Baranne Andre**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
📞 33 4 91 62 1190

**Baranovsky Edward A**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
📞 380 6554 40704

**Baranyi Tuende**

Heliophysical Observ  
Hungarian Academy Sci  
PO Box 30  
HU 4010 Debrecen  
Hungary  
☎ 36 52 311 015  
📞 36 52 311 015  
✉ baranyi@tigris.klte.hu

**Baratta Giovanni Battista**

OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 347 056  
📞 39 06 349 8236  
✉ baratta@  
oarhp1.rm.astro.it

**Baratta Giuseppe Antonio**

Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2111  
📞 39 095 33 0592  
✉ gbaratta@  
alpha4.ct.astro.it

**Barba Rodolfo Hector**

Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
📞 54 221 421 1761  
✉ rbarba@fcaglp.edu.ar

**Barbanis Basil**

Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 1357  
📞 30 31 99 8211

**Barbaro G**

Osserv Astronom  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
📞 39 049 875 9840

**Barberis Bruno**

Ist Fisica/Matematica  
Univ d Torino  
Via C Alberto 10  
I 10123 Torino  
Italy  
☎ 39 011 539 214

**Barbier-Brossat Madeleine**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
📞 33 4 91 62 1190  
✉ barbier@  
obmara.cnrs-mrs.fr

**Barbieri Cesare**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
☎ 39 049 875 9840  
✉ barbieri@pd.astro.it

**Barbon Roberto**  
Osserv Astrisico  
Univ d Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy  
☎ 39 042 460 0031  
☎ 39 042 460 0023  
✉ barbon@pd.astro.it

**Barbosu Mihail**  
Fac Mathematics  
Univ Cluj Napoca  
Ul Kogalniceanu 1  
RO 3400 Cluj Napoca  
Romania  
☎ 40 64 194 315  
☎ 40 64 111 905  
✉ mbarbosu@  
math.ubbcluj.ro

**Barbuy Beatriz**  
IAG  
Univ Sao Paulo  
CP 3386  
01060-970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599\*230  
☎ 55 11 577 0270  
✉ barbuy@  
orion.iagusp.usp.br

**Barcia Alberto**  
Ctr Astron d Yebes  
OAN  
Apt 148  
E 19080 Guadalajara  
Spain  
☎ 34 1 129 0311  
☎ 34 1 129 0063  
✉ barcia@cay.oan.es

**Barcons Xavier**  
Istt Fisica d Cantabria  
Facultad Ciencias  
Avda Los Castros s/n  
E 39005 Santander  
Spain  
☎ 34 942 201461  
☎ 34 942 201459  
✉ barcons@ifca.unican.es

**Barcza Szabolcs**  
Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
☎ 36 1 275 4668

**Bardeen James M**  
Physics Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 545 2394  
☎ 1 206 685 0403

**Bardelli Sandro**  
Osserv Astronom  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 209 5744  
☎ 39 051 209 5700  
✉ bardelli@bo.astro.it

**Barden Samuel Charles**  
NOAO  
950 N Cherry Av  
Tucson AZ 85719  
USA  
☎ 1 520 318 8263  
☎ 1 520 318 8360  
✉ barden@noao.edu

**Barge Pierre**  
LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5900  
☎ 33 4 91 66 1855  
✉ barge@astrsp-mrs.fr

**Barkat Zalman**  
Racah Inst Phys  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel  
☎ 972 2 584 490  
☎ 972 2 658 4374

**Barker Edwin S**  
McDonald Observ  
Univ Texas  
Box 1337  
Fort Davis TX 79734 1337  
USA  
☎ 1 915 426 3263  
☎ 1 915 426 3641  
✉ esb@astro.as.utexas.edu

**Barker Timothy**  
Dpt Phys/Astron  
Wheaton College  
Norton MA 02766  
USA  
☎ 1 508 285 7722

**Barlai Katalin**  
Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
☎ 36 1 275 4668

**Barletti Raffaele**  
Osserv Astris Arceetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2278  
☎ 39 055 220 039  
✉ barletti@arceetri.astro.it

**Barlier Francois E**  
OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 36 5849  
☎ 33 4 93 40 5333  
✉ francoise.barlier@  
obs-azur.fr

**Barlow Michael J**  
Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
☎ 44 171 380 7145

**Barnbaum Cecilia**  
Dpt Physics / Astron  
Valdosta State Univ  
Valdosta GA 31698 0055  
USA  
☎ 1 912 333 5752  
☎ 1 912 219 1201  
✉ cbarnbau@valdosta.edu

**Barnes Aaron**  
NASA ARC  
MS 245 3  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 694 5506  
☎ 1 415 604 6779

**Barnes Graham**  
Dpt Mathematics/Statistics  
PO Box 28M  
Manosh Univ  
Clayton VIC 3800  
Australia  
☎ 61 3 9905 4488  
☎ 61 3 9905 3867  
✉ graham.barnes.tc.92@  
aya.yale.edu

**Barnes III Thomas G**  
McDonald Observ  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 1301  
☎ 1 512 426 3641  
✉ tgb@astro.as.utexas.edu

**Barocas Vinicio**  
11 Yewlands Av  
Fulword  
Preston PR2 4QR  
UK  
☎ 44 177 271 9249

**Barone Fabrizio**  
Dpt Scienze Fisiche  
Univ d Napoli  
Mostra D Oltremare Pad 19  
I 80125 Napoli  
Italy  
☎ 39 08 172 53447  
☎ 39 08 161 4508  
✉ fbarone@napoli.infn.it

**Barreto Luiz Muniz**

Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7313  
① 55 21 580 0332

**Barrett Paul Everett**

NASA GSFC  
Code 668 1  
Greenbelt MD 20771  
USA  
✉ paul.e.barrett.1@  
gsfc.nasa.gov

**Barriot Jean-Pierre**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2894  
① 33 5 61 25 3098  
✉ jean-pierre.barriot@  
cnes.fr

**Barroso Jr Jair**

Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7313\*273  
① 55 21 580 0332

**Barrow Colin H**

MPI Aeronomie  
Max Planck Str 2  
Postfach 20  
D 37189 Katlenburg Lindau  
Germany  
☎ 49 555 640 11  
① 49 555 640 1240

**Barrow John David**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK

**Barsony Mary**

CALTECH/JPL  
MS 169 327  
4800 Oak Grove Dr  
Pasadena CA 91109  
USA  
☎ 1 818 354 0653  
✉ barsony@home.com

**Barstow Martin Adrian**

Dpt Phys/X-Ray Astron  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 1162 522 073  
① 44 116 250 182  
✉ mab@star.le.ac.uk

**Bartasiute Stanislava**

Astron Observ  
Ciurlionis 29  
LT Vilnius 2009  
Lithuania  
☎ 370 2 333 343  
① 370 2 335 648  
✉ stanislava.bartasiute@  
ff.vu.lt

**Bartaya R A**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 37 5226  
① 995 32 98 7000

**Bartel Norbert Harald**

Physics Dpt  
York Univ  
4700 Keele St  
North York ON J 1P3  
Canada  
☎ 1 416 736 5424  
① 1 416 736 5516

**Bartelmann Matthias**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 3236  
① 49 893 299 3235  
✉ mbartelmann@  
mpa.garching.mpg.de

**Barth Charles A**

LASP  
Univ Colorado  
Campus Box 392  
Boulder CO 80309 0392  
USA  
☎ 1 303 492 7502  
① 1 303 492 6946

**Barthel Peter**

Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4064  
① 31 50 363 6100  
✉ pdb@astro.rug.nl

**Bartholdi Paul**

Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
① 41 22 755 3983  
✉ bartho@obs.unige.ch

**Bartkevicius Antanas**

Inst Theor Physics/  
Astronomy  
Gostauro 12  
LT Vilnius 2600  
Lithuania  
☎ 370 2 613 440  
① 370 2 224 694  
✉ bart@itpa.fi.lt

**Bartolini Corrado**

Dpt Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 301  
① 39 051 259 407

**Barucci Maria A**

Observ  
DESPA  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7539  
① 33 1 45 07 7971  
✉ Antonella.Barucci@  
obspm.fr

**Baruch John**

Dpt Industrial Technology  
Univ Bradford  
Bradford BD7 1DP  
UK  
☎ 44 12 74 384 024  
① 44 12 74 384 270  
✉ j.e.f.baruch@  
bradford.ac.uk

**Barvainis Richard**

Haystack Observ  
Westford MA 01886  
USA  
☎ 1 617 692 4764  
① 1 617 981 0590

**Barwig Heinz**

Inst Astron/Astrophysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 5974  
① 49 89 2180 6003

**Baryshev Yuri V**

Astron Inst  
St Petersburg Univ  
Bibliotechnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 428 7129  
① 7 812 428 4259  
✉ yuba@aispbu.spb.ru

**Basart John P**

Physics Dpt  
Iowa State Univ  
Ames IA 50011  
USA  
☎ 1 515 294 2667  
① 1 515 294 3262

**Baschek Bodo**

Inst Theor Astrophysik  
d Univer  
Im Neuenheimer Feld 561  
D 69120 Heidelberg  
Germany  
☎ 49 622 156 2837  
① 49 622 154 4221

**Bash Frank N**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 4461  
① 1 512 471 6016  
✉ fnb@astro.as.utexas.edu

- Basri Gibor B**  
Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA  
☎ 1 415 642 8198  
☎ 1 510 642 3411
- Basri Baidyanath**  
75/3A Hazra Rd  
Calcutta 700 029  
India  
☎ 91 33 474 5489  
☎ 91 33 248 7988  
✉ piyush.pandey@excite.com
- Basu Dipak**  
Physics Dpt  
Carleton Univ  
Ottawa ON K1S 5B6  
Canada  
☎ 1 613 788 4377  
☎ 1 613 788 4061  
✉ basu@physics.carleton.ca
- Basurah Hassan**  
Astronomy Dpt  
KAAU  
Box 9028  
Jeddah 21413  
Saudi Arabia
- Batalha Celso Correa**  
Observ  
Rua GI Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7181  
☎ 55 21 580 0332  
✉ ceb@lnccum
- Batchelor David Allen**  
NASA GSFC  
Code 632  
Greenbelt MD 20771  
USA  
☎ 1 301 286 2988
- Bates Brian**  
Dpt Pure/App'l Physics  
Queen's Univ  
Belfast BT7 1NN  
UK  
☎ 44 12 32 245 133  
☎ 44 12 32 438 918  
✉ b.bates@queens-belfast.ac.uk
- Bateson Frank M OBE**  
Astron Res Ltd  
Box 3093  
Greerton Tauranga  
New Zealand  
☎ 64 75 410 216
- Bath Geoffrey T**  
Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RQ  
UK  
☎ 44 186 551 1336  
☎ 44 186 527 3947
- Batrakov Yuri V**  
Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 272 40 23  
☎ 7 812 272 7968
- Batson Raymond Milner**  
USGS  
Br Astrogeology  
2255 N Gemini Dr  
Flagstaff AZ 86001  
USA  
☎ 1 602 556 7260  
☎ 1 602 556 7090
- Battaner Eduardo**  
Dpt Fisica Teorica/Cosmos  
Fac Ciencias  
Avda Fuentenuueva S/N  
E 18067 Granada  
Spain  
☎ 34 958 243305  
☎ 34 958 248529  
✉ battaner@ugr.es
- Batten Alan H**  
NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 363 0009  
☎ 1 250 363 0045  
✉ alan.batten@hia.nrc.ca
- Battinelli Paolo**  
OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 353 4756  
☎ 39 06 353 47802  
✉ battinelp@oarhp1.rm.astro.it
- Battistini Pierluigi**  
Osserv Astronom  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 519 593  
☎ 39 051 259 407
- Batty Michael**  
School Maths/Physics  
Computing/ Electron  
Macquarie Univ  
Macquarie 2109  
Australia
- Baud Boudewijn**  
Atjehweg 25  
NL 2202 AN Noordwijk  
Netherlands  
☎ 31 71 361 3005
- Baudry Alain**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
☎ 33 5 56 40 4251  
✉ baudry@observ.u-bordeaux.fr
- Bauer Carl A**  
Astronomy Dpt  
Pennsylvania State Univ  
525 Davey Lab  
University Park PA 16802  
USA  
☎ 1 814 865 3631  
☎ 1 814 863 7114
- Bauer Wendy Hagen**  
Whitin Observ  
Wellesley Coll  
Wellesley MA 02181  
USA  
☎ 1 617 235 0320  
☎ 1 617 283 3667  
✉ wbauer@lucy.wellesley.edu
- Baum Stef Alison**  
STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4797  
☎ 1 410 338 4767  
✉ sbaum@stsci.edu
- Bassino Lilia P**  
Observ Astronomico  
Paseo d Bosque s/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 21 217308  
☎ 54 21 258985  
✉ lbassino@fcaglp.fcaglp.unlp.edu.ar
- Bastian Timothy Stephen**  
NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7259  
☎ 1 505 835 7027  
✉ tbastian@nrao.edu
- Bastian Ulrich**  
ARI  
Moenchstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 5152  
☎ 49 622 140 5297  
✉ s01@ix.urz.uni-heidelberg.de
- Bastien Pierre**  
Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 7355  
☎ 1 514 343 2071
- Bastin John A**  
5 The Clock House  
Redlynch Park  
Brunton  
Somerset BA10 ONH  
UK  
☎ 44 1749 812 824

**Baum William A**  
2124 Ne Park Rd  
Seattle WA 98105  
USA  
☎ 1 206 527 4306  
☎ 1 206 527 4308  
✉ baum@astro.washington.edu

**Baustian W W**  
NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
☎ 1 520 325 9360

**Bautz Laura P**  
NSF  
SBE/INT Room 935 N  
4201 Wilson Blvd  
Arlington VA 22230  
USA  
☎ 1 703 306 1709\*5973  
✉ lbautz@nsf.gov

**Baym Gordon Alan**  
Physics Dpt  
Univ Illinois  
1110 W Green St  
Urbana IL 61801 3080  
USA  
☎ 1 217 333 4363  
☎ 1 217 333 9819  
✉ baym@uinpla.npl.uiuc.edu

**Bazilevsky Alexandr T**  
Vernadsky Inst Geochem/  
Analytical Chemistry  
Kosygin Str 19  
117334 Moscow  
Russia  
☎ 7 095 137 7538

**Beale John S**  
231 Marlborough Rd  
Swindon SN3 1NN  
UK  
☎ 44 17 933 4725

**Baudet Gilles**  
Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 6669  
☎ 1 514 343 2071

**Beauge Christian**  
Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 423 0491  
☎ 54 351 433 1063  
✉ beauge@oac.uncor.edu

**Beaulieu Jean-Philippe R**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8119  
☎ 33 1 44 32 8001  
✉ beaulieu@iap.fr

**Beaulieu Sylvie F**  
Inst Astronomy  
Univ Cambridge  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 528  
☎ 44 12 23 337 523  
✉ beaulieu@ast.cam.ac.uk

**Beavers Willet I**  
11 Captain Forbush Lane  
Acton MA 01720  
USA  
☎ 1 515 294 3776

**Bec-Borsenberger Annick**  
IMCCE  
Observatoire de Paris  
77 Av Denfert Rochereau  
F 75014 Paris  
France  
☎ 33 1 40 51 2273  
☎ 33 1 46 33 2834  
✉ borsen@bdl.fr

**Bechtold Jill**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 6533  
☎ 1 520 428 2854

**Beck Rainer**  
MPIfR  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 323  
☎ 49 228 525 436  
✉ r.beck@mpifr-bonn.mpg.de

**Becker Peter Adam**  
Physics Dpt  
George Mason Univ  
Pairfax VA 22030  
USA  
☎ 1 703 993 3619  
☎ 1 703 993 1980  
✉ pbecker@hubble.gmu.edu

**Becker Robert A**  
8133 Ellenbogen St  
Sunland CA 91040 2103  
USA

**Becker Robert Howard**  
Physics Dpt  
Univ California  
Davis CA 95616  
USA  
☎ 1 916 752 6921  
✉ bob@igpp.llnl.gov

**Becker Stephen A**  
LANL  
MS B220  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 8931  
☎ 1 505 665 4055

**Becker Sylvia**  
Inst Astron/Astrophysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6018  
☎ 49 89 2180 6003  
✉ becker@usm.uni-muenchen.de

**Beckers Jacques M**  
NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8328  
☎ 1 520 318 8278  
✉ jbeckers@noao.edu

**Becklin Eric E**  
Dpt Astronomy/Phys  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 206 0208  
☎ 1 310 206 2096  
✉ becklin@uclastro.edu

**Beckman John E**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
☎ 34 2 232 9117  
✉ jeb@iac.es

**Beckwith Steven V W**  
STScI  
3700 San Martin Drive  
Baltimore, MD 21218  
USA  
☎ 1 410 338 4710  
☎ 1 410 338 2519  
✉ svwb@stsci.edu

**Bedding Timothy**  
School Physics  
UNSW  
Sydney NSW 2006  
Australia  
☎ 61 2 9351 2680  
☎ 61 2 9351 7726  
✉ bedding@physics.usyd.edu.au

**Bedogni Roberto**  
Dpt Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 301  
☎ 39 051 259 407



**Beebe Herbert A**

Astronomy Dpt  
NMSU  
Box 30001 Dpt 4500  
Las Cruces NM 88003  
USA  
☎ 1 505 646 4438  
📠 1 505 646 1602

**Beebe Reta Faye**

Astronomy Dpt  
NMSU  
Box 30001 Dpt 4500  
Las Cruces NM 88003  
USA  
☎ 1 505 646 1938  
📠 1 505 646 1602

**Beer Reinhard**

CALTECH/JPL  
MS 183 301  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 4748  
📠 1 818 393 6030

**Beers Timothy C**

Physics/Astronomy Dpt  
Michigan State Univ  
East Lansing MI 48824  
USA  
☎ 1 517 353 4541  
📠 1 517 535 4500  
✉ beers@msupa.pa.msu.edu

**Beesham Aroonkumar**

Dpt Maths  
Univ Zululand  
Private Bag X1001  
3886 Kwa Dlangezwa  
South Africa  
☎ 27 35 193 911  
📠 27 35 193 735  
✉ abeesham@pan.uzulu.ac.za

**Begelman Mitchell Craig**

JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 7856  
📠 1 303 492 5235  
✉ mitch@jila.colorado.edu

**Begeman Kor G**

Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4059  
📠 31 50 363 6001  
✉ kgb@astro.rug.nl

**Beggs Denis W**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
📠 44 12 23 337 523

**Behr Alfred**

Eschenweg 3  
D 3406 Bovenden  
Germany  
☎ 49 551 889 7

**Beintema Douwe A**

SRON  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4073  
📠 31 50 363 6100

**Bekenstein Jacob D**

Racah Inst Phys  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel  
☎ 972 2 658 4605  
📠 972 2 61 1519  
✉ bekenste@vms.huji.ac.il

**Belinsky Vladimir A**

Landau Inst Theor Physics  
Acad Sciences  
Leninsky Pspst 53  
117940 Moscow  
Russia  
☎ 7 095 137 3244  
📠 7 095 135 7880

**Belizon Fernando**

Real Inst Observ  
Cecilio Pujazon s/n  
San Fernando  
E 11110 Cadiz  
Spain  
☎ 34 956 89 8538  
📠 34 956 59 9366  
✉ belizon@roa.es

**Belkovich Oleg I**

Engelhardt Astronomical  
Observ  
Observatoria Station  
422526 Kazan  
Russia  
☎ 7 32 4827  
✉ eao@astro.kazan.su

**Bell Barbara**

CfA  
HCO/SAO MS 43  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 2688

**Bell Jeffrey F**

Inst Geophysics  
Univ Hawaii  
2525 Correa Rd  
Honolulu HI 96822  
USA  
☎ 1 808 956 3136  
📠 1 808 956 6322  
✉ bell@kahana.pgd.hawaii.edu

**Bell Kenneth Lloyd**

Dpt Appl Maths/Theor Phys  
Queen's Univ  
Belfast BT7 1NN  
UK  
☎ 44 12 32 245 133  
📠 44 12 32 239 182  
✉ e.kl.bell@qub.ac.uk

**Bell Morley B**

NRCC/HIA  
100 Sussex Dr  
Ottawa ON K1A 0R6  
Canada  
☎ 1 613 993 6060  
📠 1 613 952 6602

**Bell Roger A**

Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 454 6282  
📠 1 301 314 9067

**Bell Steven**

Royal Greenwich Observ  
Madingley Rd  
Cambridge CB3 0EZ  
UK  
☎ 44 12 23 374 774  
📠 44 12 23 374 700  
✉ nao@ast.cam.ac.uk

**Bell Burnell Jocelyn S**

Physics Dpt  
Open Univ  
Walton Hall  
Milton Keynes MK7 6AA  
UK  
☎ 44 1908 274 066  
📠 44 1908 654 192  
✉ s.j.b.burnell@uk.ac.open

**Bell III James F**

Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 255 5911  
📠 1 607 255 9002  
✉ jimbo@cuspfif.tn.cornell.edu

**Bellas-Velidis Ioannis**

Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 613 2066  
📠 30 1 804 0453  
✉ ibellas@astro.noa.gr

**Belloni Tomaso**

Astron Inst  
Univ Amsterdam  
Kruislaan 403  
NL 1098 SJ Amsterdam  
Netherlands  
☎ 31 20 525 7478  
📠 31 20 525 7484  
✉ tmb@astro.uva.nl

**Belmonte Aviles J A**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
📠 34 2 240 5646/405 501

**Belserene Emilia P**

421 E Ahlvers Rd  
Port Angeles WA 98362  
USA  
☎ 1 206 457 3806  
✉ emiliab@olympus.net

**Belskaya Irina N**

Astron Observ  
National Univ  
Sumska str 35  
Kharkiv 61022  
Ukraine  
☎ 380 572 432 432  
① 380 572 432 428  
✉ irina@  
astron.kharkiv.ua

**Belton Michael J S**

Belton Space Exploration  
Inniatives, LLC  
430 S. Randolph Way  
Tucson AZ 85716  
USA  
☎ 1 520 795 6286  
① 1 520 795 6220  
✉ belton@azstarnet.com

**Belvedere Gaetano**

Istt Astronomia  
Citta Universitaria  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2236  
① 39 095 33 0592  
✉ gbelvedere@  
astrct.ct.astro.it

**Belyaev Nikolaj A**

Inst Theor Astronomy  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 279 0667  
① 7 812 272 7968

**Bely-Dubau Francoise**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3056  
① 33 4 92 00 3033

**Bem Jerzy**

Astron Inst  
Wroclaw Univ  
Ul Kopernika 11  
PL 51 622 Wroclaw  
Poland  
☎ 48 71 372 9373/74  
① 48 71 372 9378  
✉ pres@astro.uni.wroc.pl

**Benacchio Leopoldo**

Osserv Astronom  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
① 39 049 875 9840  
✉ benacchio@pd.astro.it

**Benaglia Paula**

IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 221 425 4909  
① 54 221 425 4909  
✉ paula@  
irma.iar.unlp.edu.ar

**Benaydoun Jean-Jacques**

Observ  
Lab Astrophysique  
BP 53x  
F 38041 S Martin Heres Cdx  
France  
☎ 33 4 76 51 4914  
① 33 4 76 44 8821

**Bender Peter L**

JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 6793  
① 1 303 492 5235  
✉ pbender@  
jila.colorado.edu

**Bender Ralf**

Inst Astron/Astrophysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 5999  
① 49 89 2180 6003  
✉ bender@  
usm.uni-muenchen.de

**Bendinelli Orazio**

Dpt Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 301  
① 39 051 259 407

**Benedict George F**

McDonald Observ  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 3448  
① 1 512 471 6016  
✉ fritz@astro.as.utexas.edu

**Benest Daniel**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3108  
① 33 4 92 00 3033  
✉ daniel.benest@  
obs-nice.fr

**Benevides-Soares Paulo**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 275 3720  
① 55 11 276 3848  
✉ pbs@vax.iagusp.usp.br

**Benevolenskaya Elena**

455 via Palou  
Stanford CA 94305 4014  
USA  
☎ 1 650 724 4938  
① 1 650 7252333  
✉ elena@  
quake.stanford.edu

**Benford Gregory**

Dpt Phys/Astronomy  
UCI  
Irvine CA 92697 4575  
USA  
☎ 1 714 824 5147  
① 1 714 824 2174

**Ben-Jaffel Lofti**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8076  
① 33 1 44 32 8001  
✉ bjaffel@iap.fr

**Benkhaldoun Zouhair**

FSSM Dpt Physique  
Av. Prince My Abdellah  
BP 2390  
Marrakesh  
Morocco  
☎ 212 4 43 46 49  
① 212 4 43 74 10  
✉ zouhair@unice.fr

**Benkoe Jozsef M**

Konkoly Observ  
Hungarian Acad Sci  
PO Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 2754 122  
① 36 1 2754 668  
✉ benko@konkoly.hu

**Benn Chris R**

Royal Greenwich Observ  
Apt 321  
Santa Cruz de La Palma  
E 38780 Santa Cruz  
Spain  
☎ 34 2 240 5500  
① 34 2 240 5646  
✉ crb@ing.iac.es

**Bennett Charles L**

NASA GSFC  
Code 685  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3902

**Bennett Kevin**

ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 6555  
① 31 71 565 4690  
✉ kbennett@  
astro.estec.esa.nl

**Bensammar Slimane**

Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7835  
① 33 1 45 07 7872  
✉ Slimane.Bensammar@obspm.fr

**Benson Priscilla J**

Whitin Observ  
Wellesley Coll  
Wellesley MA 02181  
USA  
☎ 1 617 235 0320  
① 1 617 283 3667  
✉ pbenson@lucy.wellesley.edu

**Benvenuti Piero**

ESO  
ST/ECF  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6291  
① 49 893 202 362

**Benvenuto Omar**

Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
① 54 221 425 5004

**Benz Arnold O**

Inst Astronomie  
ETH Zentrum  
CH 8092 Zurich  
Switzerland  
☎ 41 1 632 4223  
① 41 1 632 12 05  
✉ benz@astro.phys.ethz.ch

**Benz Willy**

Physikalisches Inst  
Univ Bern  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 631 4403  
① 41 31 631 4404  
✉ willy.benz@phim.unibe.ch

**Berczik Peter**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 44 26 62147  
① 380 44 26 62147  
✉ berczik@mao.kiev.ua

**Berdnikov Leonid N**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1622  
① 7 095 932 8841  
✉ berdnik@sai.msu.ru

**Berdugin Andrei V**

Turku Univ  
Tuorla Observ  
Vaesaelaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 2744 259  
① 358 2 243 3767  
✉ andrei@denab.astro.utu.fi

**Berdugina Svetlana V**

Astronomy Dpt  
Univ Oulu  
PO Box 3000  
FIN 90014 Oulu  
Finland  
☎ 358 8 553 1960  
① 358 8 553 1934  
✉ Sveta.Berdugina@oulu.fi

**Berendzen Richard**

Physics Dpt  
The American Univ  
Washington DC 20016 8058  
USA  
☎ 1 202 885 2121

**Berg Richard A**

Ntl Imagery/Map Agency  
Stop D 82  
4600 Sangamore  
Bethesda MD 20816  
USA  
☎ 1 301 227 3334  
① 1 301 277 3332  
✉ berg@nima.mil

**Berge Glenn L**

421 Mariposa Av  
Sierra Madre CA 91024  
USA

**Bergeat Jacques G**

Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 56 0705  
① 33 4 72 39 9791

**Berger Christiane**

OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 40 5389  
① 33 4 93 40 5353  
✉ christiane.berger@obs-azur.fr

**Berger Jacques G**

Observ  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2247  
① 33 1 40 51 2232

**Berger Mitchell**

Dpt Applied Maths  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 1334 76161  
① 44 1334 74487

**Bergeron Jacqueline A**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6228  
① 49 893 200 6480  
✉ jbergero@eso.org

**Berghmans David**

Koninklijke Sterrenwacht  
van België  
Ringlaan 3  
B 1180 Brussels  
Belgium  
☎ 32 2 373 0559  
① 32 2 373 0224  
✉ david.berghmans@oma.be

**Bergman Per-Goeran**

Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 3 1772 5552  
① 46 3 1772 5590  
✉ bergman@oso.chalmers.se

**Bergstrahl Jay T**

NASA Headquarters  
MC SLC  
600 Independence Av SW  
Washington DC 20546  
USA  
☎ 1 202 358 0313  
① 1 202 358 3097  
✉ jbergstr@nhqvac.hq.nasa.gov

**Bergstroem Lars**

Dpt Physics  
Stockholm Univ  
Box 6730  
SE 113 85 Stockholm  
Sweden  
☎ 46 8 16 46 83  
① 46 8 34 78 17  
✉ lbe@physto.sc

**Bergvall Nils Ake Sigvard**

Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
① 46 18 471 5999  
✉ nils.bergvall@astro.uu.se

**Berkhuijsen Elly M**

MPIfR  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 535 313  
① 49 228 525 229  
✉ eberkhuijsen@mpifr-bonn.mpg.de

**Berman Marcelo S**

Rua Candido Hartman 575  
Apt 17 Ed Renoir  
80430 Curitiba PR  
Brazil  
☎ 55 412 24 6426  
① 55 412 26 1679

**Berman Robert Hiram**  
6945 Clearwind Ct. #C  
Baltimore MD 21209  
USA

☎ 1 410 486 3518  
☎ 1 410 560 4329  
✉ vxb@ismd.ups.com

**Berman Vladimir**  
STSci

Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA

☎ 1 410 486 3518  
☎ 1 410 338 4767  
✉ berman@stsci.edu

**Bernabeu Guillermo**

Dto Fisica e Ing de  
Esc Politecnica Superior  
Apt 99 Univ Alicante  
E 03080 Alicante  
Spain

☎ 34 6 590 3682  
✉ bernabeu@disc.ua.es

**Bernacca Pietio L**

Osserv Astrisico  
Univ d Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy

☎ 39 042 446 2665  
☎ 39 042 446 2884

**Bernat Andrew Plous**

Dpt Computer Science  
Univ Texas  
El Paso TX 79968  
USA

☎ 1 915 747 5480  
☎ 1 915 747 5030  
✉ abernat@cs.utep.edu

**Bernstein Hans Heinrich**

ARI  
Moenchhstr 12-14  
D 69120 Heidelberg  
Germany

☎ 49 622 140 5252  
☎ 49 622 140 5297  
✉ s03@ix.urz.uni-heidelberg.de

**Berrilli Francesco**

Dpt Fisica/Astrofisica  
Univ d Roma Tor Vergata  
Via Ric Scientifica  
I 00133 Roma  
Italy

☎ 39 06 725 94552  
☎ 39 06 202 3507  
✉ berrilli@roma2.infn.it

**Berrington Keith Adrian**

Dpt Appl Maths/Theor Phys  
Queen's Univ  
Belfast BT7 1NN  
UK

☎ 44 12 32 245 133  
☎ 44 12 32 239 182

**Berruyer-Desirotte Nicole**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France

☎ 33 4 92 00 3011  
☎ 33 4 92 00 3033

**Bersier David**

Cfa  
60 Garden St., MS16  
Cambridge MA 02138  
Norway

☎ 1 617 495 7308  
☎ 1 617 495 7049  
✉ dbersier@cfa.harvard.edu

**Bertaux Jean-Loup**

Service Aeronomie  
BP 3  
F 91371 Verrieres Buisson  
France

☎ 33 1 69 20 3116

**Bertelli Gianpaolo**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy

☎ 39 049 829 3411  
☎ 39 049 875 9840  
✉ bertelli@pd.astro.it

**Berthet Stephane**

Office Federal Education  
& Science  
Box 5675  
CH 3001 Bern  
Switzerland

☎ 41 31 322 9967  
☎ 41 31 322 7854  
✉ stephane.berthet@admin.ch

**Berthomieu Gabrielle**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France

☎ 33 4 92 00 3051  
☎ 33 4 92 00 3033

**Bertin Giuseppe**

Scuola Normale Superiore  
Classe d Scienze  
Piazza dei Cavalieri 7  
I 56126 Pisa  
Italy

☎ 39 050 509 265  
☎ 39 050 563 513  
✉ bertin@sns.it

**Bertola Francesco**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy

☎ 39 049 829 3436  
☎ 39 049 875 9840  
✉ bertola@pd.astro.it

**Bertout Claude**

IAP  
98bis bd Arago  
F 75014 Paris  
France

☎ 33 1 44 32 8000  
☎ 33 1 44 32 8001  
✉ bertout@iap.fr

**Bertschinger Edmund**

Physics Dpt  
MIT Rm 6 207  
77 Massachussets Ave  
Cambridge MA 02139 4307  
USA

☎ 1 617 253 5083  
☎ 1 617 253 9798  
✉ edbert@arcturus.mit.edu

**Beskin Gregory M**  
SAO

Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia

☎ 7 878 784 6172  
☎ 7 901 498 2931  
✉ beskin@sao.ru

**Bessell Michael S**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia

☎ 61 262 490 268  
☎ 61 262 490 233  
✉ bessell@nso.anu.edu.au

**Betancort-Rijo Juan**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain

☎ 34 2 226 2211  
☎ 34 2 226 3005

**Bettis Dale G**

TICOM  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA

**Bettoni Daniela**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy

☎ 39 049 829 3462  
☎ 39 049 875 9840  
✉ bettoni@pd.astro.it

**Beuermann Klaus P**

Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany

☎ 49 551 395 041  
☎ 49 551 395 043  
✉ beuermann@uswo50.dnet.gwdg.de

**Beutler Gerhard**

Physikalisches Inst  
Univ Bern  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 631 8591  
📠 41 31 631 3869  
✉ beutler@aiub.unibe.ch

**Beuzit Jean-Luc**

Laboratoire d'Astrophysique  
Observatoire de Grenoble  
BP 53  
F 38041 Grenoble Cdx 9  
France  
☎ 33 4 76 63 55 20  
📠 33 4 76 44 88 21  
✉ Jean-Luc-Beuzit@  
obs.ujf-grenoble.fr

**Bezard Bruno G**

Observ  
DESPA  
PI J Janssen  
F 92190 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7717  
📠 33 1 45 07 7971  
✉ Bruno.Bezard@obspm.fr

**Bhandari N**

PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
📠 91 272 44 5292

**Bhandari Rajendra**

RRI  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
📠 91 80 334 0492  
✉ bhandari@ri.ernet.in

**Bhat Chaman Lal**

Nuclear Res Lab  
Bhabha Atomic Res Ctr  
Trombay  
Mumbai MH 400 085  
India  
☎ 91 22 55 4225  
📠 91 22 556 0750  
✉ clbhat@  
magnum.barcl1.ernet.in

**Bhat Narayana P**

TIFR  
Homi Bhabha Marg  
Navy Nagar Colaba  
Mumbai MH 400 085  
India  
☎ 91 22 215 2311  
📠 91 22 215 2110

**Bhatia Prem K**

Mathematics Dpt  
Univ Jodhpur  
Jodhpur 342 001  
India

**Bhatia R K**

Astronomy Dpt  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 71 951

**Bhatia V B**

Dpt Phys/Astrophys  
Univ Delhi  
New Delhi 110 007  
India  
☎ 91 11 291 8993

**Bhatnagar Arvind**

Udaipur Solar Observ  
11 Vidya Marg  
Udaipur 313 001  
India  
☎ 91 25 626/23 861

**Bhatnagar K B**

IA/47 C  
Ashok Vihar  
Delhi 110 052  
India  
☎ 91 743 0366  
📠 91 724 2427  
✉ cfrcsc@bol.net.in

**Bhatt H C**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585  
📠 91 80 553 4043

**Bhattacharjee Pijushpani**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672/0676  
📠 91 80 553 4043  
✉ pijush@iiap.ernet.in

**Bhattacharya Dipankar**

RRI  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
📠 91 80 334 0492  
✉ dipankar@ri.ernet.in

**Bhattacharyya J C**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6583/6585  
📠 91 80 553 4043

**Bhavsar Suketu P**

Dpt Phys/Astronomy  
Univ Kentucky  
Lexington KY 40506 0055  
USA  
☎ 1 606 257 6722  
📠 1 606 323 2846

**Bhonsle Rajaram V**

PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
📠 91 272 44 5292

**Bian Yulin**

Shanghai Scientific /  
Education  
Publishing House  
393 Guan Shen Yuan Road  
Shanghai 20023  
China PR  
☎ 86 21 6477 04327  
📠 86 21 6477 02835  
✉ right@sste.com

**Bianchi Luciana**

STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 516 5009  
📠 1 410 338 7967  
✉ bianchi@stsci.edu

**Bianchini Antonio**

Osserv Astrisico  
Univ d Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy  
☎ 39 042 446 2665  
📠 39 042 446 2884

**Bica Eduardo L D**

Inst Fisica  
UFRGS  
CP 15051  
91501 900 Porto Alegre RS  
Brazil  
☎ 55 512 36 4677

**Bicak Jiri**

Dpt Theor Physics  
Charles Univ  
V Holesovickach 2  
CZ 180 00 Praha 8  
Czech Rep  
☎ 420 2 8576 2493  
📠 420 2 688 5095  
✉ bicak@  
hp03.troja.mff.cuni.cz

**Bicknell Geoffrey V**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 490 245  
📠 61 262 490 233  
✉ geoff@mso.anu.edu.au

**Bidelman William P**

Physics Dpt  
CWRU  
Rock Bdg  
Cleveland OH 44106  
USA  
☎ 1 216 368 6699

**Bieging John Harold**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 4878  
☎ 1 520 621 1532  
✉ jbieging@  
as.arizona.edu

**Biemont Emile**  
Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
☎ 32 4 254 7511  
✉ biemont@  
astro.ulg.ac.be

**Bien Reinhold**  
ARI  
Moenchhstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 50  
☎ 49 622 140 5297  
✉ s04@  
mvs.urz.uni-heidelberg.de

**Bienayme Olivier**  
Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0710  
☎ 33 3 88 25 0160  
✉ bienayme@  
cdsxb6.u-strasbg.fr

**Biermann Peter L**  
MPIfR  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 279  
☎ 49 228 525 229  
✉ plbiermann@  
mpifr-bonn.mpg

**Biggs James**  
Perth Observ  
Walnut Rd  
Bickley WA 6076  
Australia  
☎ 61 8 92 93 8255  
☎ 61 8 92 93 8138  
✉ rbiggsgj@  
cc.curtin.edu.au

**Bignami Giovanni F**  
IFCTR CNR  
Univ d Milano  
Via E Bassini 15  
I 20133 Milano  
Italy  
☎ 39 02 236 3542  
☎ 39 02 266 5753  
✉ gfb@ifctr.mi.cnr.it

**Bignell R Carl**  
NRAO  
VLA  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 772 4242  
☎ 1 505 835 7027

**Bijaoui Albert**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3027  
☎ 33 4 92 00 3033  
✉ albert.bijaoui@  
obs-nice.fr

**Bijleveld Willem**  
Scheepvaartmuseum  
Kattenburgerplein 1  
NL 1018 KK Amsterdam  
Netherlands  
☎ 31 71 523 2218  
✉ wbijleveld@  
scheepvaartmuseum.nl

**Bikmaev Ilfan**  
Astronomy Dpt  
Kazan State Univ  
Kremlevskaya Str 18  
420008 Kazan  
Russia  
☎ 7 843 264 3092  
✉ bikmaev@  
astro.ksu.ras.ru

**Billebaud Françoise**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 57 77 61 29  
☎ 33 5 57 77 61 10  
✉ billebaud@  
observ.u-bordeaux.fr

**Billingham John**  
SETI Institute  
2035 Landings Dr  
Mountain View CA 94043  
USA  
☎ 1 415 961 6633  
☎ 1 415 961 7099

**Binette Luc**  
Inst de Astronomia UNAM  
A.P. 70 - 264  
04510 D.F. Mexico City  
Mexico  
☎ 52 5 622 4017  
☎ 52 5 616 0653  
✉ binette@  
astroscu.unam.mx

**Binggeli Bruno**  
Astronomisches Inst  
Univ Basel  
Venusstr 7  
CH 4102 Binningen  
Switzerland  
☎ 41 61 205 5418  
☎ 41 61 205 5455  
✉ binggeli@  
astro.unibas.ch

**Bingham Richard G**  
Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 419 3513  
☎ 44 171 380 7153  
✉ rgb@star.ucl.ac.uk

**Binney James J**  
Dpt Th Physics  
Univ Oxford  
Keble Rd  
Oxford OX1 3NP  
UK  
☎ 44 186 527 3979  
☎ 44 186 527 3947  
✉ binney@thphys.ox.ac.uk

**Binzel Richard P**  
Dpt Earth Science  
MIT Rm 54 410  
77 Massachusetts Avenue  
Cambridge MA 02139  
USA  
☎ 1 617 253 6486  
✉ rpb@mit.edu

**Biraud Francois**  
Observ  
ARPEGES  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7602  
☎ 33 1 45 07 7939  
✉ Francois.Biraud@  
obspm.fr

**Birch Peter**  
Perth Observ  
Walnut Rd  
Bickley WA 6076  
Australia  
☎ 61 8 92 93 8255  
☎ 61 8 92 93 8138  
✉ pvbirch@inet.net.au

**Biretta John Anthony**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4917  
☎ 1 410 338 4767  
✉ biretta@stsci.edu

**Birkinshaw Mark**  
Physics Dpt  
Univ Bristol  
Tyndall Av  
Bristol BS8 1TL  
UK  
☎ 44 11 79 288 775  
☎ 44 11 79 255 624  
✉ Mark.Birkinshaw@  
bristol.ac.uk

**Birkle Kurt**  
MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 80  
☎ 49 622 152 8246

**Bishop Roy L**  
Avonport NS BOP 1B0  
Canada

**Bisacchi Gianfranco**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📠 52 5 616 0653

**Bisikalo Dmitrij V**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 7375  
📠 7 095 230 2081  
✉ [biskalo@inasan.rssi.ru](mailto:biskalo@inasan.rssi.ru)

**Bisnovaty-Kogan Gennadij**

Space Res Inst  
Acad Sciences  
Profsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 3122  
📠 7 095 310 7023  
✉ [gkogan@mx.iki.rssi.ru](mailto:gkogan@mx.iki.rssi.ru)

**Biswas Sukumar**

TIFR/Cosmic Ray Gr  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 219 111  
📠 91 22 215 2110

**Biviano Andrea**

Osserv Astronomico di  
Trieste  
Via Tiepolo 11  
I 34134 Trieste  
Italy  
☎ 39 040 319 9233  
📠 39 040 309 418  
✉ [biviano@oat.ts.astro.it](mailto:biviano@oat.ts.astro.it)

**Bizouard Christian**

Observ  
DAN  
61 av de l'Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2335  
📠 33 1 40 51 2291  
✉ [bizouard@danol.obspm.fr](mailto:bizouard@danol.obspm.fr)

**Bjoernsson Gunnlaugur**

Science Institute  
Univ Iceland  
Dunhaga 3  
IS 107 Reykjavik  
Iceland  
☎ 354 525 4800  
📠 354 552 8911  
✉ [gulli@raunvis.hi.is](mailto:gulli@raunvis.hi.is)

**Bjornsson Claes-Ingvar**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 717 0195  
📠 46 8 717 4719  
✉ [bjornsson@astro.su.se](mailto:bjornsson@astro.su.se)

**Blaauw Adriaan**

Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4073  
📠 31 50 363 6100  
✉ [blaauw@astro.rug.nl](mailto:blaauw@astro.rug.nl)

**Black Adam Robert S**

Senior Editor  
Addison-Wesley Longman  
1301 Sansome St.  
San Francisco CA 94111  
USA  
📠 1 1 415 402 2533  
✉ [adam.black@awl.com](mailto:adam.black@awl.com)

**Black John Harry**

Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5500  
📠 46 31 772 5590  
✉ [jblack@oso.chalmers.se](mailto:jblack@oso.chalmers.se)

**Blackman Clinton Paul**

DERA  
Chobham Lane  
Chertsey  
Surrey KT16 0EE  
UK  
☎ 44 134 463 3149  
✉ [cpblackman@dra.hmg.gb](mailto:cpblackman@dra.hmg.gb)

**Blackwell Donald E**

Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RQ  
UK  
☎ 44 186 551 1336  
📠 44 186 527 3947

**Blades John Chris**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4805  
📠 1 410 338 4767  
✉ [blades@stsci.edu](mailto:blades@stsci.edu)

**Blaga Christina O**

Astron Inst  
Cluj-Napoca Observatory  
Str Ciresilor 19  
RO 3400 Cluj-Napoca  
Romania  
☎ 40 64 19 4592  
📠 40 64 19 6889  
✉ [cpblaga@math.ubbcluj.ro](mailto:cpblaga@math.ubbcluj.ro)

**Blahe Milan**

NRL  
Code 4720  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 878 6700

**Blair David Gerald**

Physics Dpt  
Univ W Australia  
Nedlands WA 6009  
Australia  
☎ 61 9 380 2738  
📠 61 9 380 1014

**Blair Guy Norman**

16703 NW Norwalk Dr.  
Beaverton OR 97006  
USA  
✉ [guy\\_blair@cm.hf.intel.com](mailto:guy_blair@cm.hf.intel.com)

**Blair William P**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 8447  
📠 1 410 516 8260  
✉ [wpb@hut4.pha.jhu.edu](mailto:wpb@hut4.pha.jhu.edu)

**Blamont Jacques-Emile**

CNES  
2 Pl Maurice Quentin  
F 75039 Paris Cdx 01  
France  
☎ 33 1 45 08 7612  
📠 33 1 44 76 7676

**Blanchard Alain**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0731  
📠 33 3 88 25 0160  
✉ [blanchard@cdsxb6.u-strasbu.fr](mailto:blanchard@cdsxb6.u-strasbu.fr)

**Blanco Carlo**

Istt Astronomia  
Citta Universitaria  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2245  
📠 39 095 33 0592  
✉ [cblanco@alpha4.ct.astro.it](mailto:cblanco@alpha4.ct.astro.it)

**Blanco Victor M**

636 Flamevine Lane  
Vero Beach FL 32963  
USA  
✉ [vblanco@noao.edu](mailto:vblanco@noao.edu)

**Blandford Roger David**

CALTECH  
MS 130 33  
Theor Astrophysics  
Pasadena CA 91125  
USA  
☎ 1 818 395 4200  
📠 1 818 796 5675  
✉ [rdb@tapir.caltech.edu](mailto:rdb@tapir.caltech.edu)

**Bland-Hawthorn Jonathan**  
AAO  
Box 296  
Epping NSW 2121  
Australia  
☎ 61 2 9372 4851  
① 61 2 9372 4880  
✉ JBH@aaoepp.aao.gov.au

**Blasius Karl Richard**  
Raytheon Santa Barbara  
Remote Sensing  
Bldg B32 MS 15  
75 Coromar Dr  
Goleta CA 93117 3088  
USA  
☎ 1 805 752 7592  
✉ Kblasius@west.raytheon.com

**Blazit Alain**  
OCA  
Observ Calern/Caussols  
2130 r Observatoire  
F 06460 S Vallier Thiey  
France  
☎ 33 4 93 42 6270

**Blecha Andre Boris G**  
Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
① 41 22 755 3983  
✉ andre.blecha@obs.unige.ch

**Bleeker Johan A M Ir**  
SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5732  
① 31 30 254 0860  
✉ jbleeker@sron.ruu.nl

**Bless Robert C**  
Astronomy Dpt  
Univ Wisconsin  
475 N Charter St  
Madison WI 53706 1582  
USA  
☎ 1 608 262 1715  
① 1 608 263 0361  
✉ bless@sai.wisc.edu

**Bleyer Ulrich**  
Urania Berlin ev  
An d Urania 17  
D 10787 Berlin  
Germany  
☎ 49 302 189 091  
① 49 302 110 998

**Blinov Nikolai S**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1049  
① 7 095 932 8841  
✉ japet@sai.msu.su

**Blitz Leo**  
Astronomy Dept  
Univ California  
Berkeley CA 94720  
USA  
☎ 1 510 643 3000  
① 1 510 642 3411  
✉ blitz@gmc.berkeley.ca

**Block David Lazar**  
Dpt Comput/Appl Maths  
Witwatersrand Univ  
PO Box 60  
2050 Wits  
South Africa  
☎ 27 11 716 3250  
① 27 11 339 3791  
✉ block@cam.wits.ac.za

**Bloemen Johannes B G M**  
SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 8572  
① 31 30 254 0860  
✉ H.Bloemen@sron.ruu.nl

**Bloemhof Eric E**  
CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 818 356 4000  
① 1 818 568 9352  
✉ eeb@astro.caltech.edu

**Blomme Ronny**  
Koninklijke Sterrenwacht  
van België  
Ringlaan 3  
B 1180 Brussel  
Belgium  
☎ 32 2 373 0284  
① 32 2 374 9822  
✉ Ronny.Blomme@oma.be

**Blondin John M**  
Physics Dpt  
N Carolina State Univ  
Raleigh NC 27695 8202  
USA  
☎ 1 919 515 7096  
① 1 919 515 6538  
✉ john\_blondin@ncsu.edu

**Blow Graham L**  
Sky Data Services  
Box 2241  
Wellington  
New Zealand  
☎ 64 4 479 2504  
✉ blow\_g@kosmos.wcc.govt.nz

**Bludman Sidney A**  
Physics Dpt  
Univ Pennsylvania  
Philadelphia PA 19104  
USA  
☎ 1 215 898 8151  
① 1 215 898 2010  
✉ bludman@bludman.hep.upenn.edu

**Blum Peter**  
IAEF  
Univ Bonn  
auf d Huegel 71  
D 53121 Bonn  
Germany  
☎ 49 228 73 3665  
① 49 228 73 3672

**Blumenthal George R**  
Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2005  
① 1 831 426 3115  
✉ george@uclick.org

**Bo Shuren**  
Inst History Nat Science  
137 Cao Neistreel  
Beijing 100080  
China PR  
☎ 86 1 55 7180

**Boboltz David A**  
USNO  
3450 Massachusetts Ave NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1488  
① 1 202 762 1514  
✉ dboboltz@usno.navy.mil

**Bobrowsky Matthew**  
CCSSE  
1250 North Pitt Street  
Alexandria VA 22314  
USA  
☎ 1 703 837 5649  
① 1 703 683 7546  
✉ mbobrowsky@challenger.org

**Bocchia Romeo**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
① 33 5 56 40 4251  
✉ bocchia@observ.u-bordeaux.fr

**Bochkarev Nikolai G**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1672/932 8844  
① 7 095 939 0126  
✉ boch@sai.msk.su

**Bochner D Richard**  
Dpt Maths/Astronomy  
Univ Manitoba  
Winnipeg MB R3T 2M8  
Canada  
☎ 1 204 474 9501



**Bochsler Peter**

Physikalisches Inst  
Univ Bern  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 654 429

**Bockelee-Morvan Dominique**

Observ  
ARPEGES  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7605  
① 33 1 45 07 7939  
✉ dominique.bockelee@obspm.fr

**Boddapati G Anandarao**

PRL  
Navrangpura  
Room 760  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
① 91 272 44 5292

**Bode Michael F**

Astrophysics Group  
Liverpool J M Univ  
Byrom St  
Liverpool L3 3AF  
UK  
☎ 44 151 231 2337  
① 44 151 231 2337

**Bodenheimer Peter**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 429 2064  
① 1 831 426 3115

**Bodo Gianluigi**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
1 10025 Pino Torinese  
Italy  
☎ 39 011 461 9000  
① 39 011 461 9030

**Boechat-Roberty Heloisa M**

Univ Fed Rio d Janeiro  
Observ d Valongo  
Ladeira Pedro Antonio 43  
20080 090 Rio de Janeiro  
Brazil  
☎ 55 21 263 0685  
① 55 21 263 0685  
✉ heloisa@ov.ufrj.br

**Boehm Karl-Heinz**

Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 543 2888  
① 1 206 685 0403

**Boehm Torsten D**

OMP  
14 av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2994  
① 33 5 61 33 2840  
✉ boehm@obs-mip.fr

**Boehm-Vitense Erika**

Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 543 4858  
① 1 206 685 0403

**Boehnhardt Hermann**

ESO  
Alonso de Cordova 3107  
Casilla 19001  
Santiago 19  
Chile  
☎ 56 2 228 5006  
① 56 2 228 5132

**Boerner Gerhard**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 00  
① 49 893 299 3235

**Boerngen Freimut**

Pfarrgartenstr 1  
D 07751 Isserstedt  
Germany

**Boesgaard Ann M**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 8756  
① 1 808 988 2790

**Boeshaar Gregory Orth**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4700  
① 1 410 338 4767

**Boffin Henri M J**

Royal Observ Belgium  
Ringlaan 3  
B 1180 Brussels  
Belgium  
☎ 32 2 373 0226  
① 32 2 374 9822  
✉ henri.boffin@oma.be

**Bogdan Thomas J**

HAO  
NCAR  
Box 3000  
Boulder CO 80307 3000  
USA  
☎ 1 303 497 1547  
① 1 303 497 1589  
✉ tom@hao.ucar.edu

**Bogdanovicius Pavelas**

Inst Theor Physics/  
Astronomy  
Gostauto 12  
LT Vilnius 2600  
Lithuania  
☎ 370 2 620 949  
① 370 2 225 361  
✉ bogd@itpa.fi.lt

**Boggess Albert**

2420 Balsam Dr  
Boulder CO 80304  
USA  
✉ hrsboggess@stars.gsfc.nasa.gov

**Boggess Nancy W**

2420 Balsam Drive  
Boulder CO 80304  
USA  
✉ nboggess@stars.gsfc.nasa.gov

**Bogod Vladimir M**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4200  
① 7 812 314 3360  
✉ vbog@radiosun.spb.ru

**Bohannon Bruce Edward**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
① 1 520 325 9360

**Bohlender David**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 363 0025  
① 1 250 363 0045  
✉ david.bohlender@hia.nrc.ca

**Bohlin J David**

NASA Headquarters  
Code EZ  
600 Independence Av SW  
Washington DC 20546  
USA  
☎ 1 202 453 1466

**Bohlin Ralph C**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4804  
① 1 410 338 4767

**Boice Daniel Craig**

Southwest Res Inst  
Div 15  
6220 Culebra Rd  
San Antonio TX 78228 0551  
USA  
☎ 1 210 522 3782  
① 1 210 647 4325  
✉ boice@swri.space.swri.edu

**Bois Eric**

Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 57 77 6125  
📞 33 5 57 77 6110  
✉ bois@  
observ.u-bordeaux.fr

**Boisse Patrick**

DEMIRM  
ENS  
24 r Lhomond  
F 75231 Paris Cdx 05  
France  
☎ 33 1 43 29 1225  
📞 33 1 45 87 3489

**Boisson Catherine**

Observ  
DAEC  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7436  
📞 33 1 45 07 7123  
✉ catherine.boisson@  
obspm.fr

**Boksenberg Alec**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 33 9909  
📞 44 12 23 337 523  
✉ boksy@ast.cam.ac.uk

**Boland Wilfried**

NOVA  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5779  
✉ boland@  
strw.leidenuniv.nl

**Bolcal Cetin**

Physics Dpt  
Univ Istanbul  
Univ 34452  
34459 Vezneciler  
Turkey  
☎ 90 212 332 0240  
📞 90 212 519 0834

**Boldt Elihu**

NASA GSFC  
Code 661  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5853

**Boley Forrest I**

7 River Woods Dr  
C 114  
Exeter NH 03833  
USA

**Boloix Rafael**

ROA  
Cecilio Pujazon 22 3 A  
E 11110 San Fernando  
Spain  
☎ 34 5 688 3548  
📞 34 5 659 9366

**Bolton C Thomas**

David Dunlap Observ  
Univ Toronto  
Box 360  
Richmond Hill ON L4C 4Y6  
Canada  
☎ 1 905 884 9562  
📞 1 905 884 2672  
✉ bolton@  
astro.utoronto.ca

**Bomans Dominik J**

Astronomisches Inst  
Ruhr Univ Bochum  
Postfach 102148  
D 44780 Bochum  
Germany  
☎ 49 234 700 2335  
📞 49 234 709 4169  
✉ bomans@  
astro.ruhr-uni-bochum.de

**Bommier Veronique**

Observ  
DAMAP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 79 48  
📞 33 1 45 07 7121  
✉ Veronique.Bommier@  
obspm.fr

**Bonaccini Domenico**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 89 320 060  
📞 49 89 320 2362

**Bonanno Alfio**

Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2111  
📞 39 095 33 0592  
✉ bonanno@  
alpha4.ct.astro.it

**Bonanno Alfio**

Osservatorio Astrisico  
Universita di Catania  
Viale Andrea Doria 6  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2241  
📞 39 095 330 592  
✉ abo@sunct.ct.astro.it

**Bonanno Giovanni**

Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2204  
📞 39 095 33 0592  
✉ gbo@sunct.ct.astro.it

**Bonazzola Silvano**

Observ  
DARC  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7429  
📞 33 1 45 07 7971  
✉ Silvano.Bonazzola@  
obspm.fr

**Bond Howard E**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4718  
📞 1 410 338 4596  
✉ bond@stsci.edu

**Bond John Richard**

Cita McLennan Labs  
Univ Toronto  
60 St George St  
Toronto ON M5S 1A1  
Canada  
☎ 1 416 978 6874  
📞 1 416 978 3921  
✉ bond@utorphys.edu

**Bondal Krishna Raj**

Uttar Pradesh State  
Observ  
Po Manora Peak  
Nainital 263 129  
India  
☎ 91 59 42 2136/2583

**Bondarenko Ludmila N**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 139 3721  
📞 7 095 939 0126

**Bondi Hermann**

69 Mill Lane  
Impington Cambs CB4 4XN  
UK  
☎ 44 122 323 5075  
📞 44 122 333 6180

**Bonet Jose A**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
📞 34 2 232 9117

**Boney Tanyu**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
📞 359 2 75 8927  
✉ tboney@phys.acad.bg

**Borkowski Kazimierz M**  
Inst Radio Astronomy  
N Copernicus Univ  
Ul Gagarina 11  
PL 87 100 Torun  
Poland  
☎ 48 56 78 3327  
① 48 56 11 651  
✉ kb@astro.uni.torun.pl

**Borne Kirk D**  
NASA/GSFC  
Code 631  
Greenbelt MD 20771  
USA  
☎ 1 301 286 0696  
① 1 301 286 1771  
✉ Kirk.D.Borne.1@gsfc.nasa.gov

**Bornmann Patricia L**  
NOAA ERL R/E/SE  
Space Environment Lab  
325 Broadway  
Boulder CO 80303  
USA  
☎ 1 303 497 3532

**Borovicka Jiri**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7153  
① 420 2 88 1611  
✉ borovic@asu.cas.cz

**Borozdin Konstantin**  
Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 4523  
① 7 095 333 5377  
✉ kbor@hea.iki.rssi.ru

**Borra Ermanno F**  
Dpt d Physique  
Universite Laval  
Ste Foy QC G1K 7P4  
Canada  
☎ 1 418 656 7405  
① 1 418 656 2040  
✉ borra@astro.phys.ulaval.ca

**Borysow Aleksandra**  
Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5981  
① 45 35 32 5989  
✉ aborysow@nbi.dk

**Bos Albert**  
NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
① 31 521 59 7332

**Bosch Guillermo L**  
Observ  
Paseo del Bosque S/N  
La Plata 1900 (Bs A)  
Argentina  
☎ 54 221 483 8810  
① 54 221 421 1761  
✉ guille@fcaglp.unlp.edu.ar

**Boschan Peter**  
Inst Kernphysik  
Univ Muenster  
Wilhelm Klemm Str 10  
D 48149 Muenster  
Germany  
☎ 49 251 833 561  
① 49 251 833 669  
✉ boschan@cygnus.uni-muenster.de

**Bosma Albert**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4115  
① 33 4 91 62 1190  
✉ Albert.Bosma@observatoire.cnrs-mrs.fr

**Bosma Pieter B**  
Dpt Phys/Astronomy  
Free University  
De Boelelaan 1081  
NL 1081 HV Amsterdam  
Netherlands  
☎ 31 20 444 7957  
① 31 20 444 7899  
✉ bosma@nat.vu.nl

**Boss Alan P**  
Dpt Terrestr Magnetism  
Carnegie Inst Washington  
5241 Bd Branch Rd NW  
Washington DC 20015 1305  
USA  
☎ 1 202 684 4370 \* 4402  
① 1 202 364 8726  
✉ boss@dtm.ciw.edu

**Botez Elvira**  
Astron Observ  
Romanian Acad Sci  
UI Ciresilor 19  
RO 3400 Cluj Napoca  
Romania  
☎ 40 64 194 592  
① 40 64 19 2820  
✉ obsastr@mail.sorosej.ro

**Bottinelli Lucette**  
Observ  
ARPEGES  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7604  
① 33 1 45 07 7939  
✉ Lucie.bottinelli@obspm.fr

**Boucher Claude**  
IGN ENSG LAREG  
6/8 Av Blaise Pascal  
F 77455 Marnes la Vallee  
Cdx 2  
France  
☎ 33 1 64 15 3250  
① 33 1 64 15 3253  
✉ boucher@ensg.ign.fr

**Bouchet Francois R**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8095  
① 33 1 44 32 8001  
✉ bouchet@iap.fr

**Bouchet Patrice**  
ESO  
La Silla Observ  
Casilla 19001  
Santiago 19  
Chile  
☎ 56 2 228 5006  
① 56 2 228 5132

**Bougeard Mireille L**  
Observ  
DAN  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2226  
① 33 1 40 51 2291  
✉ bougeard@hpopa.obspm.fr

**Bougeret Jean-Louis**  
Observ  
DESPA  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7704  
① 33 1 45 07 7971  
✉ Jean-Louis.Bougeret@obspm.fr

**Bouig Roger**  
14 Av V Hugo  
F 09500 Mirepoix  
France

**Boulanger Francois**  
DEMIRM  
ENS  
24 r Lhomond  
F 75231 Paris Cdx 05  
France  
☎ 33 1 43 29 1225  
① 33 1 40 51 2002

**Boulesteix Jacques**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
① 33 4 91 62 1190  
✉ Jacques.Boulesteix@observatoire.cnrs-mrs.fr

**Boulon Jacques J**  
Observ  
61 Av Observatoire  
F 75014 Paris  
France  
✉ boulon@obspm.fr

**Boumis Panayotis**  
Section Astrophysics/Space  
Physics  
Univ Crete  
Box 2208  
GR 710 03 Heraklion  
Greece  
☎ 30 81 394 238  
① 30 81 394 201  
✉ ptb@physics.uoc.gr

**Bouska Jiri**  
Astron Inst  
Charles Univ  
V Holesovickack 2  
CZ 180 00 Praha 8  
Czech Rep  
☎ 420 2 2191 2572  
① 420 2 688 5095  
✉ bouska@  
mbox.cesnet.cz

**Bouvier Jerome**  
Observ  
Lab Astrophysique  
BP 53x  
F 38041 S Martin Heres Cdx  
France  
☎ 33 4 76 51 4790  
① 33 4 76 44 8821

**Bowell Edward L G**  
Lowell Observ  
1400 W Mars Hill Rd  
Flagstaff AZ 86001  
USA  
☎ 1 520 774 3358  
① 1 520 774 6296  
✉ ebowell@lowell.edu

**Bowen George H**  
Physics Dpt  
Iowa State Univ  
Ames IA 50011  
USA  
☎ 1 515 294 7659  
① 1 515 294 3262

**Bower Gary Allen**  
NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8285  
① 1 520 318 8360  
✉ gbower@noao.edu

**Bowers Phillip F**  
Lowell Observ  
1400 W Mars Hill Rd  
Box 1149  
Flagstaff AZ 86001  
USA  
☎ 1 520 774 3358  
① 1 520 774 6296  
✉ bowers@  
sextans.lowell.edu

**Bowyer C Stuart**  
Space Sciences Lab  
Univ California  
Berkeley CA 94720 7450  
USA  
☎ 1 510 642 1648  
① 1 510 643 8303  
✉ bowyer@  
ssl.berkeley.edu

**Boyarchuk Alexander A**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 951 0924  
① 7 095 230 2081  
✉ aboyar@inasan.rssi.ru

**Boyarchuk Margarita E**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
① 7 095 230 2081

**Boyce Peter B**  
P Boyce Assoc  
33 York St  
Nantucket MA 02554  
USA  
☎ 1 508 228 9062  
✉ pboyce@aaas.org

**Boyd Robert L F**  
41 Church St  
Littlehampton BN17 5PU  
UK

**Boydag-Yildizdogdu F S**  
Technical University  
Faculty of Science  
Physics Department  
80270 Sisli Istanbul  
Turkey  
✉ Senel.Boydag@  
yildiz.edu.tr

**Boyer Rene**  
Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7741  
① 33 1 45 07 7959  
✉ Rene.Boyer@obspm.fr

**Boyle Brian**  
AAO  
Box 296  
Epping NSW 2121  
Australia  
☎ 61 2 868 1666  
① 61 2 9876 8536

**Boyle Richard P**  
Vatican Observ  
VA 00120 Citta del Vaticano  
Vatican City State  
☎ 39 06 698 3411/520606  
① 39 06 698 84671

**Boyle Stephen**  
UCLO  
ULO  
Mill Hill Park  
London NW7 2QS  
UK  
☎ 44 208 959 0421  
① 44 208 388 1450  
✉ sjb@uk.ac.ucl.star

**Boynton Paul Edward**  
Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 543 2888  
① 1 206 685 0403

**Boytel Jorge Del Pino**  
CENAILS  
Calle 17 No 61 E4 y 6  
Santiago de Cuba  
Vista Alegre 90400  
Cuba  
☎ 537 226 41 623  
① 537 226 41 579  
✉ lasersat@cenaii.inf.cu

**Bozic Hrvoje**  
Hvar Observ  
Fac Geodesy  
Kaciceva 26  
HR 10000 Zagreb  
Croatia  
☎ 385 1 456 1222  
① 385 1 445 410  
✉ hrvoje.bozic@  
x400.srce.hr

**Boziss George**  
Dpt Th Mechanics  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 2845  
① 30 31 99 8211

**Bozkurt Sukru**  
Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322

**Braccesi Alessandro**  
Dpt Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 301  
① 39 051 259 407

**Bracewell Ronald N**  
Stanford Univ  
Durand 329 A  
Stanford CA 94305  
USA  
☎ 1 415 497 3545  
① 1 415 723 4840

**Bradley Arthur J**  
Box 91  
Annapolis Junct MD 20701  
USA  
☎ 1 301 901 6052  
☎ 1 301 901 6086  
✉ Bradley.Art@  
lmmail.hst.nasa.gov

**Bradley Paul A.**  
Applied Physics Div  
LANL  
X2 MS B220  
Los Alamos NM 87545  
USA  
☎ 1 505 667 8999  
☎ 1 505 665 2227  
✉ pbradley@lanl.gov

**Bradstreet David H**  
Dpt Physical Sci  
Eastern College  
St Davids PA 19087  
USA  
☎ 1 215 341 5945

**Braes L L E**  
Franse Liniestraat 10  
B 3201 Langdorp  
Belgium  
☎ 32 47 772 2539

**Braga Joao**  
INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 41 8977\*679  
☎ 55 123 21 8743  
✉ inpedas@brfapesr

**Braga da Costa Campos L**  
Inst Superior Tecnico  
Compl Interdisciplinar  
Av Rovisco Pais  
P 1096 Lisboa Codex  
Portugal  
☎ 351 1 3524 303  
☎ 351 1 3524 372

**Brahe Rolf**  
Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 508  
☎ 47 22 85 6505

**Brahic Andre**  
Observ  
DAEC  
P J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7402  
☎ 33 1 45 07 7123  
✉ Andre.Brahic@  
obsppm.fr

**Braine Jonathan**  
Observ  
UMR 5804  
BP89  
F 33270 Floirac  
France  
☎ 33 5 57 77 61 43  
☎ 33 5 57 77 61 10  
✉ braine@  
observ.u-bordeaux.fr

**Brajsa Roman**  
Hvar Observ  
Fac Geodesy  
Kacicva 26  
HR 10000 Zagreb  
Croatia  
☎ 385 1 456 1222  
☎ 385 1 445 410  
✉ romanb@geodet.geof.hr

**Branch David R**  
Dpt Phys/Astronomy  
Univ Oklahoma  
Norman OK 73019  
USA  
☎ 1 405 325 3961  
☎ 1 405 325 7557

**Brand Jan**  
Istr Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9372  
☎ 39 051 639 9431  
✉ brand@ira.bo.cnr.it

**Brand Peter W J I**  
Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 673 321  
☎ 44 13 16 688 356

**Brandenburg Axel**  
School Maths/Statistics  
Univ Newcastle  
Newcastle u Tyne NE1 7RU  
UK  
☎ 44 191 222 7411  
☎ 44 1912 611 182  
✉ Axel.Brandenburg@  
Newcastle.ac.uk

**Brandi Elisande Estela**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 4217308  
☎ 54 221 421 1761

**Brandie George W**  
Environmental Eng  
Queen's Univ  
Kingston ON K7L 3N6  
Canada

**Brandt John C**  
LASP  
Univ Colorado  
Campus Box 392  
Boulder CO 80309 0392  
USA  
☎ 1 303 492 3215  
☎ 1 303 492 6946  
✉ brandt@  
lyrae.colorado.edu

**Brandt Peter N**  
Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 319 8250  
☎ 49 761 319 8111  
✉ pnb@  
kis.uni-freiburg.de

**Brandt Soeren K**  
Danish Space Res Inst  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 57 10  
☎ 45 35 36 24 75  
✉ SB@DSRI.DK

**Branduardi-Raymont G**  
Mullard Space Science Lab  
Univ College London  
Holmbury St Mary  
Dorking Surrey RH5 6NT  
UK  
☎ 44 13 06 702 92  
☎ 44 14 83 278 312

**Branham Richard L**  
Centro Regional Invest  
Cientifica/Tecnologicas  
CC 131  
5500 Mendoza  
Argentina  
☎ 54 61 428 8314  
☎ 54 61 452 0005  
✉ rlb@lanet.com.ar

**Branscomb L M**  
J.F.Kennedy School Gov  
Harvard University  
79 John F Kennedy St  
Cambridge MA 02138  
USA

**Branson Nicholas J B A**  
Univ Cambridge  
Darwin College  
Cambridge CB3 9EU  
UK  
☎ 44 12 23 335 660  
☎ 44 12 23 335 667  
✉ njb2@admin.cam.ac.uk

**Brassard Pierre**  
Dpt de Physique  
Univ de Montreal  
CP 6128 Succ centre ville  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 6111  
☎ 1 514 768 9629  
✉ brassard@  
astro-umontreal.ca

**Bratjichuk Matrona V**  
Satelite Observ  
Uzhgorod State Univ  
Horkiy 46  
294000 Uzhgorod  
Ukraine  
☎ 380 3122 36065  
☎ 380 3122 36136

**Braude Semion Ya Ag**  
Inst Radio Astron  
Ukrainian Acad Science  
4 Chervonopraporna st  
310002 Kharkiv  
Ukraine  
☎ 380 5724 41092

**Brault James W**  
1006 Hineysuckle Lane  
Louisville CO 80027  
USA  
✉ brault@noao.edu

**Braun Arie**  
Racah Inst Phys  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel  
☎ 972 2 58 4521  
① 972 2 61 1519

**Braun Douglas Clifford**  
NorthWest Research  
Associates, Inc.  
Colorado Research  
Associates Div  
3380 Mitchell Lane  
Boulder CO 80301  
USA  
☎ 1 303 497 2558  
① 1 303 415-9702  
✉ dbraun@colorado-research.com

**Braun Robert**  
NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
① 31 521 59 7332  
✉ rbraun@nfra.nl

**Brauninger Heinrich**  
MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 566  
① 49 893 299 3569

**Bravo Eduardo**  
Dpt Fisica y Eng Nuclear  
Univ Politecnica Catalunya  
Av Diagonal 647  
E 08028 Barcelona  
Spain  
☎ 34 934 016 565  
① 34 934 011 839  
✉ eduardo.bravo@upc.es

**Bray Robert J**  
31/126 Crimea Rd  
Marsfield NSW 2122  
Australia

**Breahna Iulian**  
Astron Observ  
Allea Sadoveanu 5  
RO 6600 Iasi  
Romania  
☎ 40 32 140 305

**Breakiron Lee Allen**  
USNO  
Time Service Directorate  
3450 Massachusetts Av NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1092  
① 1 202 762 1511  
✉ lab@tycho.usno.navy.mil

**Brecher Aviva**  
35 Madison St  
Belmont MA 02178  
USA  
☎ 1 617 489 1386

**Brecher Kenneth**  
Astronomy Dpt  
Boston Univ  
725 Commonwealth Av  
Boston MA 02215  
USA  
☎ 1 617 353 3423  
① 1 617 353 5704  
✉ brecher@bu.edu

**Breckinridge James B**  
NSF Astronomy  
Rm 1045  
4201 Wilson Blvd  
Arlington VA 22203  
USA  
☎ 1 703 351 4003  
① 1 703 351 4436  
✉ reckin@nsf.gov

**Breger Michel**  
Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 820  
① 43 1 427 795 18  
✉ breger@astro.univie.ac.at

**Bregman Jacob D Ir**  
NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
① 31 521 59 7332

**Bregman Joel N**  
Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 313 764 3440  
① 1 313 764 2211  
✉ jbregman@astro.lsa.umich.edu

**Breinhorst Robert A**  
Astronomisches Inst  
Univ Bonn  
auf d Huegel 71  
D 53121 Bonn  
Germany  
☎ 49 228 73 3660  
① 49 228 73 3672

**Breiter Slawomir**  
Astron Observ  
A Mickiewicz Univ  
Ul Sioneczna 36  
PL 60286 Poznan  
Poland  
☎ 48 61 8679 670  
① 48 61 8686 511  
✉ breiter@amu.edu.pl

**Breitschwerdt Dieter**  
MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 3221  
① 49 893 299 3569  
✉ breitsch@rosat.mpe-garching.mpg.de

**Brekke Pal Ording Lie**  
Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 508  
① 47 22 856 505  
✉ paalb@astro.uio.no

**Breslin Ann**  
Experim Physics Dpt  
Univ College  
Belfield  
Dublin 4  
Ireland  
☎ 353 1 706 2230/706 2213  
① 353 1 2837 275  
✉ acb@ferdia.ucd.ie

**Bressan Alessandro**  
Dpt Astronomia  
Univ di Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3471  
① 39 049 875 9840  
✉ bressan@pd.astro.it

**Bretagnon Pierre**  
IMCCE  
Observatoire de Paris  
77 Av Denfert Rochereau  
F 75014 Paris  
France  
☎ 33 1 40 51 2269  
① 33 1 46 33 2834  
✉ pierre@bdl.fr

**Breysacher Jacques**  
ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6224  
① 49 893 202 362

**Bridgeland Michael**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523

**Bridges Terry J**  
AAO  
Box 296  
Epping NSW 1710  
Australia  
☎ 61 2 9372 4839  
① 61 2 9372 4880  
✉ tjb@aaocpp.aao.gov.au

**Bridle Alan H**

NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0375

**Brieva Eduardo**

Observ  
Apdo 2584  
Bogota 1 DE  
Colombia  
☎ 57 1 342 3786  
☎ 57 1 342 3786  
✉ ebrieva@  
ciencias.unal.edu.co

**Briggs Franklin**

Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4073  
☎ 31 50 363 6100  
✉ fbriggs@astro.rug.nl

**Brini Domenico**

Ist d Fisica  
Univ d Bologna  
Via Irnerio 46  
I 40126 Bologna  
Italy  
☎ 39 051 232 856

**Brinkman Bert C**

SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5600  
☎ 31 30 254 0860

**Brinkmann Wolfgang**

MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 3877  
☎ 49 893 299 3569  
✉ wpb@rzg.mpg.de

**Brinks Elias**

Dpt Astronomia  
Univ Guanajuato  
Apdo 144  
Guanajuato GTO 36000  
Mexico  
☎ 52 4 732 9607  
☎ 52 4 732 0253  
✉ ebrinks@astro.ugto.mx

**Briot Danielle**

Observ  
DASGAL  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2239  
☎ 33 1 40 51 2232  
✉ Banielle.Briot@  
obsppm.fr

**Britzen Silke H**

Stichting Astron  
Oude Hoogeveese Dijk 4  
NL 7991 PD Dwingeloo  
Netherlands  
☎ 31 521 5 5245  
✉ sbritzen@nfra.nl

**Broadfoot A Lyle**

Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 4301  
☎ 1 520 621 4933

**Brocato Enzo**

Osserv Astron Collurani  
Teramo  
Viale Maggini  
I 64100 Teramo  
Italy  
☎ 39 08 612 10490  
☎ 39 08 612 10492

**Broderick John**

Physics Dpt  
Virginia Tech  
Blacksburg VA 24061  
USA  
☎ 1 540 231 5321  
☎ 1 540 231 7511  
✉ jjb@vt.edu

**Brodie Jean P**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2987  
☎ 1 831 426 3115  
✉ brodie@ucolick.org

**Brogia Pietro**

Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
☎ 39 09 908 492

**Bromage Barbara J I**

Centre for Astrophysics  
Univ Central Lancashire  
Preston PR1 2HE  
UK  
☎ 44 1772 893 584  
☎ 44 1772 892 996  
✉ b.j.i.bromage@  
uclan.ac.uk

**Bromage Gordon E**

Head Centre for  
Astrophysics  
Univ Central Lancashire  
Preston PR1 2HE  
UK  
☎ 44 1772 893 569/584  
☎ 44 1772 892 903/911  
✉ g.e.bromage@  
uclan.ac.uk

**Bronfman Leonardo**

Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 228 1941  
☎ 56 2 229 4101

**Bronnikova Nina M**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 1234 285  
☎ 7 812 123 1922  
✉ bron@gao.spb.ru

**Brooke John M**

31 Hall Street  
New Mills High Peak  
SK22 3BR  
UK  
☎ 44 161 275 6814  
☎ 44 161 275 6800  
✉ j.m.brooke@mcc.ac.uk

**Brookes Clive J**

Mathematics Dpt  
Earth/satellite Res Unit  
Aston Univ  
Birmingham B4 7ET  
UK  
☎ 44 12 13 593 611

**Brooks Randall C**

Physics Sciences  
NRCC  
Box 9724  
Ottawa ON K1G 5A3  
Canada  
☎ 1 613 990 2804  
☎ 1 613 991 3636  
✉ RBrooks@nmstc.ca

**Brosch Noah**

Wise Observ  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 640 7413  
☎ 972 3 640 8179  
✉ noah@wise.tau.ac.il

**Brosche Peter**

Observ  
Univ Sternwarte Bonn  
D 54550 Daun  
Germany  
☎ 49 65 92 2150  
☎ 49 65 92 2937  
✉ pbrosche@  
astro.uni-bonn.de

**Brosius Jeffrey William**

NASA GSFC  
Code 682 1  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6200  
☎ 1 301 286 1617

**Brosterhus Elmer B F**  
127 Barkley Terrace  
Victoria BC V8S 2J5  
Canada  
☎ 1 250 598 5584  
① 1 250 595 1585  
✉ broster@islandnet.com

**Broten Norman W**  
48 Pineglen Crescent  
Nepean ON K2E 6X9  
Canada  
✉ broten@  
hiasras.hia.nrc.ca

**Broucke Roger**  
7203 Running Rope Circle  
Austin TX 78731  
USA  
☎ 1 512 345 6435

**Brouillet Nathalie**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 57 77 6142  
① 33 5 57 77 6110  
✉ nathalie@  
observ.u-bordeaux.fr

**Brouw W N**  
CSIRO  
ATNF  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 9372 4316  
① 61 2 9372 4310  
✉ wim.brouw@  
atnf.csiro.au

**Brown Alexander**  
CASA  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0389  
USA  
☎ 1 303 492 7810  
① 1 303 492 7178  
✉ ab@  
echidna.colorado.edu

**Brown Douglas Nason**  
Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 543 4313\*2888  
① 1 206 685 0403

**Brown John C**  
Dpt Phys/Astronomy  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 305 182  
① 44 14 13 305 183  
✉ john@astro.gla.ac.uk

**Brown Paul James Frank**  
Physics Dpt  
Queen's Univ  
Belfast BT7 1NN  
UK  
☎ 44 12 32 273 648  
① 44 12 32 438 918  
✉ p.brown@qub.ac.uk

**Brown Robert L**  
NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0222  
① 1 434 296 0385  
✉ rbrown@nrao.edu

**Brown Robert Hamilton**  
CALTECH/JPL  
MS 183 501  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 2517  
① 1 818 393 6030

**Brown Ronald D**  
Chemistry Dpt  
Monash Univ  
Wellington Rd  
Clayton VIC 3168  
Australia  
☎ 61 3 565 4550  
① 61 3 565 4597  
✉ rdbrown@  
vaxc.cc.monash.edu.au

**Browne Ian W A**  
NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
① 44 147 757 1618

**Browning Philippa**  
Dpt Pure/Appl Physics  
UMIST  
Box 88  
Manchester M60 1QD  
UK  
☎ 44 161 200 3677  
① 44 161 200 3669  
✉ mccppb@  
uk.ac.umrcc.cms

**Brownlee Donald E**  
Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 543 8575  
① 1 206 685 0403  
✉ brownlee@  
astro.washington.edu

**Brownlee Robert R**  
4879 Franklin Av  
Loveland CO 80538  
USA  
☎ 1 970 663 0646  
① 1 970 663 0647  
✉ rrb2@IX.netcom.com

**Brucato Robert J**  
CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 818 356 4035  
① 1 818 568 1517

**Bruch Albert**  
Lab Ncl Astrofisica  
CP 21  
CEP 37500 000  
MG Itajuba  
Brazil  
☎ 55 35 3623 1500  
① 55 35 3623 2535  
✉ albert@marina.lna.br

**Bruck Mary T**  
Craigower  
Penicuik  
Midlothian EH26 9LA  
UK  
☎ 44 196 867 5918  
✉ mt.bruck@virgin.net

**Bruenn Stephen W**  
Physics Dpt  
Florida Atlantic Univ  
Boca Raton FL 33431 0991  
USA  
☎ 1 561 367 3385  
① 1 561 367 2662  
✉ bruenn@acc.fau.edu

**Brugel Edward W**  
CASA  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0391  
USA  
☎ 1 303 492 4054  
① 1 303 492 5941  
✉ brugel@  
cygnus.colorado.edu

**Bruhweiler Jr Fred C**  
Catholic Univ America  
Astrophysics Program  
Physics Dpt  
Washington DC 20064  
USA  
☎ 1 202 319 5315  
① 1 202 319 4448  
✉ bruhweiler@cua.edu

**Bruls Jo H**  
Kiepenheuer Inst  
Sonnennphysik  
Schoeneckstr 6  
D 79104 Freiburg  
Germany  
☎ 49 761 3198 234  
① 49 761 3198 111  
✉ bruls@  
kis.uni-freiburg.de

**Brumberg Victor A**  
Inst Appl Astronomy  
Acad Sciences  
Zhdanovskaya Ul 8  
197042 St Petersburg  
Russia  
☎ 7 812 230 7414  
① 7 812 230 7413  
✉ brumberg@ipa.rssi.ru



**Bruner Marilyn E**

Lockheed Palo Alto Res Lab  
Dpt 91 30 Bg 256  
3251 Hanover St  
Palo Alto CA 94304 1191  
USA  
☎ 1 415 424 3273  
📠 1 415 424 3994

**Brunet Jean-Pierre**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
📠 33 5 61 27 3179

**Bruning David H**

Stellar Res/Edu  
Box 1223  
Waukesha WI 53187  
USA  
✉ dhbrun01@ulkyvx

**Brunini Adrian**

UNLP  
FCAG  
Paseo del Bosque s/n  
La Plata 1900 (Bs A)  
Brazil  
✉ abrunini@fcaglp.unlp.edu.ar

**Brunk William E**

NASA Headquarters  
Code SI F Space Science  
400 Maryland Av SW  
Washington DC 20546  
USA  
☎ 1 202 453 1596

**Bruns Andrey V**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71119  
📠 380 6554 40704  
✉ bruns@crao.crimea.ua

**Bruyninx Carine**

Royal Observ Belgium  
Av Circulaire 3  
B 1180 Brussels  
Belgium  
☎ 32 2 373 0211  
📠 32 2 374 9822  
✉ c.bruyninx@oma.be

**Bruzek Anton**

Schwaighstr 7  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 785 22  
📠 49 761 3198 111

**Bruzual Gustavo**

CIDA  
Box 264  
Merida 5101 A  
Venezuela  
☎ 58 7 471 2780\*713883  
📠 58 7 471 2459  
✉ bruzual@cida.ve

**Bryant John**

47 Av Felix Faure  
F 75015 Paris  
France  
☎ 33 1 45 57 7647

**Bryce Myfanwy**

Astronomy Dpt  
Univ Manchester  
Oxford Rd  
Manchester M13 9PL  
UK  
☎ 44 161 275 4226  
📠 44 161 275 4223  
✉ mbryce@uk.ac.man.ast

**Brzezinski Aleksander**

Space Res Ctr  
Polish Acad Sci  
Ul Bartycka 18 A  
PL 00 716 Warsaw  
Poland  
☎ 48 22 40 3766  
📠 48 22 36 8961  
✉ alek@cbk.waw.pl

**Bucciarelli Beatrice**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9024  
📠 39 011 461 9030  
✉ bucc@to.astro.it

**Buchler J Robert**

Physics Dpt  
Univ Florida  
Williamson 220A  
Gainesville FL 32611 8440  
USA  
☎ 1 352 392 0507  
📠 1 352 392 5339  
✉ buchler@phys.ufl.edu

**Buckley David**

SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
📠 27 21 447 3639  
✉ dibnob@sao.ac.za

**Budding Edwin**

Carter Observ  
Ntl Observ New Zealand  
Box 2909  
Wellington 1  
New Zealand  
☎ 64 4 472 8167  
📠 64 4 472 8320  
✉ budding@matai.vuw.ac.nz

**Budiz-Joergensen Carl**

Danish Space Res Inst  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 58 30  
📠 45 35 36 24 75  
✉ carl@dsri.dk

**Buecher Alain**

Residence Renoir  
14 pass d Allies  
F 64000 Pau  
France  
☎ 33 5 59 02 0940

**Buechner Joerg**

MPI Aeronomie  
Max Planck Str 2  
Postfach 20  
D 37191 Katlenburg-Lindau  
Germany  
☎ 49 5556 979295  
✉ buechner@linmpi.mpg.de

**Bues Irmela D**

Dr Remeis Sternwarte  
Univ Erlangen-Nuernberg  
Sternwartstr 7  
D 96049 Bamberg  
Germany  
☎ 49 951 952 2213  
📠 49 951 952 2222  
✉ bues@sternwarte.uni-erlangen.de

**Buff James S**

Dpt Phys/Astronomy  
Dartmouth College  
6127 Wilder Lab  
Hanover NH 03755  
USA  
☎ 1 603 646 2359  
📠 1 603 646 1446

**Buhl David**

NASA GSFC  
Code 693  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8810

**Buie Marc W**

Lowell Observ  
1400 W Mars Hill Rd  
Box 1149  
Flagstaff AZ 86001  
USA  
☎ 1 520 774 3358  
📠 1 520 774 6296  
✉ buie@lowell.edu

**Buitrago Jesus**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
📠 34 2 232 9117

**Bujarrabal Valentin**

Ctr Astron d Yebes  
OAN  
Apt 148  
E 19080 Guadalajara  
Spain  
☎ 34 1 122 3358  
📠 34 1 129 0063

**Bukhari Fadel A A**

Dpt Astronomy  
Faculty Science  
PO Box 9028 King  
Abdulaziz Univ  
Jeddah 21413  
Saudi Arabia  
☎ 966 2 6952 285  
☎ 966 2 6952 284  
✉ f.bukhari@hotmail.com

**Bumba Vaclav**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7157  
☎ 420 2 88 1611  
✉ bumba@asu.cas.cz

**Bunclark Peter Stephen**

Inst Astronomy  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
☎ 44 12 23 337 523  
✉ psb@ast.cam.ac.uk

**Bunner Alan N**

Perkin Elmer Corp  
MS 897  
100 Wooster Heights Rd  
Danbury CT 06810 7859  
USA  
☎ 1 203 797 6339

**Buonanno Roberto**

OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 347 056  
☎ 39 06 349 8236  
✉ buonanno@  
coma.mporzio.astro.it

**Buratti Bonnie J**

CALTECH/JPL  
MS 183 501  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 7427  
☎ 1 818 393 6030

**Burba George A**

Vernadsky Institute  
19 Kosygin Str  
117975 Moscow  
Russia  
☎ 7 095 335 2849  
☎ 7 095 938 2054  
✉ burba@glasnet.ru

**Burbidge Eleanor Margaret**

CASS  
UCSD  
C 011  
La Jolla CA 92093 0216  
USA  
☎ 1 619 534 4477  
☎ 1 619 534 7051  
✉ mburbidge@ucsd.edu

**Burbidge Geoffrey R**

CASS  
UCSD  
C 011  
La Jolla CA 92093 0216  
USA  
☎ 1 619 534 6626  
☎ 1 619 534 2294  
✉ gburbidge@ucsd.edu

**Burdyuzha Vladimir V**

Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 3366  
☎ 7 095 310 7023  
✉ burdyuzh@  
dpc.asc.rssi.ru

**Burger Marijke**

Koninklijke Sterrenwacht  
van België  
Rिंगlaan 3  
B 1180 Brussel  
Belgium  
☎ 32 2 373 0240  
☎ 32 2 374 9822  
✉ marijke.burger@oma.be

**Burgess Alan**

Dpt Appl Maths/Theor Phys  
Silver Street  
Cambridge CB3 9EW  
UK  
☎ 44 12 23 337 00  
☎ 44 12 23 337 918

**Burgess David D**

Astrophysics Gr  
Imperial Coll  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7771  
☎ 44 171 594 7772

**Burke Bernard F**

Physics Dpt  
MIT Rm 26 335  
77 Massachussetts Ave  
Cambridge MA 02139 4307  
USA  
☎ 1 617 253 2572  
☎ 1 617 253 9798

**Burke J Anthony**

Physics Dpt  
Univ Victoria  
Box 1700  
Victoria BC V8W 2Y2  
Canada  
☎ 1 250 721 7743  
☎ 1 250 721 7715

**Burkhart Claude**

Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 86 8383  
☎ 33 4 78 86 8386  
✉ burkhart@  
obs.univ.lyon1.fr

**Burkhead Martin S**

Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405  
USA  
☎ 1 812 335 6917  
☎ 1 812 855 8725

**Burki Gilbert**

Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
☎ 41 22 755 3983  
✉ gilbert.burki@  
obs.unige.ch

**Burlaga Leonard F**

NASA GSFC  
Code 692  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3271

**Burnage Robert**

OHP  
F 04870 S Michel Obs  
France  
☎ 33 4 92 76 6368  
☎ 33 4 92 76 6295  
✉ burnage@  
obshpx.obs-hp.fr

**Burns Joseph A**

Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 255 7186  
☎ 1 607 255 6354  
✉ jab16@cornell.edu

**Burns Jr Jack O'Neal**

Univ Missouri Columbia  
Office Research  
205 Jesse Hall  
Columbia MO 65211  
USA  
☎ 1 573 882 9500  
☎ 1 573 884 8371  
✉ burns@  
research.missouri.edu

**Burrows Adam Seth**

Dpt Phys/Astronomy  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 4359  
☎ 1 520 621 4933  
✉ burrow@  
ccir.arizona.edu

**Burrows David Nelson**

Astronomy Dpt  
Pennsylvania State Univ  
525 Davey Lab  
University Park PA 16802  
USA  
☎ 1 814 863 2466  
☎ 1 814 863 3399  
✉ burrows@astro.psu.edu

**Burs Lucian**

Astron Observ  
P Ta Axente Sever 1  
RO 1900 Timisoara  
Romania  
☎ 40 56 162 838

**Bursa Milan**

Astron Inst  
Czech Acad Sci  
Bočni II 1401  
CZ 141 31 Praha 4  
Czech Rep  
☎ 420 2 67 10 3060  
① 420 2 76 90 23  
✉ astdss@csearn

**Burstein David**

Physics Dpt  
Arizona State Univ  
Astronomy Program  
Tempe AZ 85287 1504  
USA  
☎ 1 480 965 4336  
① 1 480 965 7954  
✉ David.Burstein@asu.edu

**Burton Michael G**

School Physics  
UNSW  
Sydney NSW 2025  
Australia  
☎ 61 2 9385 5618  
① 61 2 660 2903  
✉ mgb@  
newt.phys.unsw.edu.au

**Burton W Butler**

Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5832  
① 31 71 527 5819  
✉ burton@  
strw.leidenuniv.nl

**Burton William M**

Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 821 900  
① 44 12 35 445 808

**Buscombe William**

1231 Asbury Av  
Evanston IL 60202 1101  
USA  
① 1 708 491 9982

**Buser Roland**

Astronomisches Inst  
Univ Basel  
Venusstr 7  
CH 4102 Binningen  
Switzerland  
☎ 41 61 205 5416  
① 41 61 205 5455  
✉ Roland.Buser@  
unibas.ch

**Busko Ivo C**

STSci/SSC  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4700  
① 1 410 338 4767  
✉ busko@stsci.edu

**Buson Lucio M**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
① 39 049 875 9840  
✉ buson@astrpd.infn.it

**Busso Maurizio**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9000  
① 39 011 461 9030  
✉ busso@astto2.infn.it

**Buta Ronald J**

Dpt Phys/Astronomy  
Univ Alabama  
Box 870324  
Tuscaloosa AL 35487 0324  
USA  
☎ 1 205 348 3792  
① 1 205 348 5051  
✉ buta@sarah.astr.ua.edu

**Butcher Harvey R**

NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
① 31 521 59 7332  
✉ Butcher@nfra.nl

**Butchins Sydney Adair**

24 Fairfax Road  
London NW6 4HA  
UK  
☎ 44 171 722 7344

**Buti Bima**

CALTECH/JPL  
MS 169 506  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 8366  
① 1 818 354 8895  
✉ bbuti@jplsp.jpl.nasa.gov

**Butler C John**

Armagh Observ  
College Hill  
Armagh BT61 9DG  
UK  
☎ 44 18 61 522 928  
① 44 18 61 527 174

**Butler Dennis**

Astronomy Dpt  
Yale Univ  
Box 208101  
New Haven CT 06520 8101  
USA  
☎ 1 203 432 3000  
① 1 203 432 5048

**Butler Keith**

Inst Astron/Astrophysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6018  
① 49 89 2180 6003

**Butler Raymond F**

Information Technology  
Centre  
Nat Univ Ireland  
Galway  
Ireland  
☎ 353 91 52 44 11  
① 353 91 52 57 000  
✉ ray@itc.nuigalway.ie

**Butterworth Paul**

NASA GSFC  
Code 664  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3995  
① 1 301 286 1629

**Buzzoni Alberto**

Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
① 39 09 908 492  
✉ buzzoni@  
merate.mi.astro.it

**Byard Paul L**

Astronomy Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 292 9532  
① 1 614 292 2928  
✉ byard@  
payne.mps.ohio-state.edu

**Byrd Gene G**

Dpt Phys/Astronomy  
Univ Alabama  
Box 1921  
University AL 35487 0324  
USA  
☎ 1 205 348 5050  
① 1 205 348 5051  
✉ byrd@  
possum.astr.ua.edu

**Bystrova Natalija V**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4038/4372  
① 7 812 315 1701  
✉ bnv@sai.sob.su

**Byun Yong-Ik**

Astronomy Dpt  
Yonsei Univ  
Seoul 120 749  
Korea RP  
☎ 82 2 361 2693  
① 82 2 362 5135  
✉ byun@  
darksky.yonsei.ac.kr

**Bzowski Maciej**  
Space Res Ctr  
Polish Acad Sci  
Ul Bartycka 18A  
PL 00 716 Warsaw  
Poland  
☎ 48 22 40 3766  
📞 48 22 36 8961  
✉ [bzowski@cbk.waw.pl](mailto:bzowski@cbk.waw.pl)

## C

**Cabrit Sylvie**

Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2030  
① 33 1 40 51 2002  
✉ sylvie.cabrit@obsprm.fr

**Cabrera Ezequiel**

OAL  
Tapada d Ajuda  
P 1300 Lisboa  
Portugal  
☎ 351 1 363 7351  
① 351 1 362 1722

**Cacciani Alessandro**

Dpt Fisica  
Univ d Roma La Sapienza  
PI A Moro 2  
I 00185 Roma  
Italy  
☎ 39 06 497 6265  
① 39 06 202 3507

**Cacciari Carla**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 5096  
① 1 410 338 4767  
✉ cacciari@stsci.edu

**Caccin Bruno**

Dpt Fisica  
Via Raimondo Snc  
Univ Tor Vergata  
I 00173 Roma  
Italy  
☎ 39 06 797 92323  
① 39 06 202 3507

**Cadez Andrej**

Physics Dpt  
Univ E Kardelj  
Jadranska 19  
Ljubljana  
Slovenia  
☎ 386 61 265 061  
① 386 61 217 281  
✉ andrej.cadez@uni-lj.ac.mail.yu

**Cadez Vladimir**

Inst Physics  
Box 57  
11001 Beograd  
Yugoslavia FR  
☎ 381 1 110 7107  
① 381 1 110 8198

**Cahn Julius H**

Astronomy Dpt  
Tesuque NM 87574  
USA  
☎ 1 505 983 0691

**Caillault Jean Pierre**

Dpt Phys/Astronomy  
Univ Georgia  
Athens GA 30602 2451  
USA  
☎ 1 706 542 2883  
① 1 706 542 2492  
✉ jpc@jove.physast.uga.edu

**Calamai Giovanni**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2310  
① 39 055 220 039  
✉ vanni@arcetri.astro.it

**Calame Odile**

OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 40 5353  
① 33 4 93 40 5353  
✉ odile@obs-azur.fr

**Calderon Jesus**

Observ Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 433 1064  
① 54 351 433 1063  
✉ calderon@oac.uncor.edu

**Caldwell John James**

Physics Dpt  
York Univ  
4700 Keele St  
North York ON M3J 1P3  
Canada  
☎ 1 416 736 2100  
① 1 416 736 5386

**Caldwell John A R**

SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
① 27 21 447 3639  
✉ jac@da.sao.ac.za

**Callanan Paul**

Physics Dpt  
Univ College Cork  
Cork  
Ireland

**Callebaut Dirk K**

Physics Dpt  
Univ Instelling Antwerpen  
Universiteitsplein 1  
B 2610 Wilrijk  
Belgium  
☎ 32 3 820 2457  
① 32 3 820 2245  
✉ calldirk@uia.ua.ac.be

**Cally Paul S**

Mathematics Dpt  
Monash Univ  
Wellington Rd  
Clayton VIC 3168  
Australia  
☎ 61 3 565 4471  
✉ apm150f@vaxc.cc.monash.edu.au

**Caloi Vittoria**

IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
① 39 06 206 60188  
✉ Caloi@ias.rm.cnr.it

**Calvani Massimo**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3431  
① 39 049 875 9840  
✉ calvani@pd.astro.it

**Calvet Nuria**

CIDA  
Box 264  
Merida 5101 A  
Venezuela  
☎ 58 7 471 2780/3883  
① 58 7 471 2459  
✉ ncalvet@cfassp1.harvard.edu

**Calvin William H**

Physics Dpt  
Univ Washington  
Box 351800  
Seattle WA 98195 1580  
USA  
☎ 1 206 328 1192  
① 1 206 720 1989  
✉ wcalvin@u.washington.edu

**Calvo Manuel**

Dpt Astronomia  
Univ Zaragoza  
E 50009 Zaragoza  
Spain  
☎ 34 7 676 1000  
① 34 7 676 1140

- Calzetti Daniela**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4518  
📞 1 410 338 4767  
✉ calzetti@stsci.edu
- Camarena Badia Vicente**  
Dpt Mat Aplicada  
Univ Zaragoza  
E 50009 Zaragoza  
Spain  
☎ 34 7 676 1000  
📞 34 7 676 1140
- Camenzind Max**  
Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9262  
📞 49 622 150 9202  
✉ M.Camenzind@  
lsw.uni-heidelberg.de
- Cameron Alastair G W**  
Lunar / Planetary Lab  
Univ Arizona  
Tucson AS 85721  
USA  
☎ 1 520 621 6362  
✉ acameron@  
lpl.arizona.edu
- Cameron Andrew Collier**  
School Physics/Astro  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 1334 76161  
📞 44 1334 74487  
✉ Andrew.Cameron@  
st-and.ac.uk
- Cameron Luzius Martin**  
Astronomisches Inst  
Univ Basel  
Venusstr 7  
CH 4102 Binningen  
Switzerland  
☎ 41 61 271 7711/12  
📞 41 61 205 5455
- Cameron Winifred S**  
La Ranchita de La Luna Bg  
26  
200 Rojo Dr  
Sedona AZ 86336  
USA
- Camichel Henri**  
24 Av C Flammarion  
F 31500 Toulouse  
France  
☎ 33 5 61 48 9691  
📞 33 5 56 40 4251
- Campbell Alison**  
Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 338 5186  
📞 1 410 338 8260
- Campbell Belva G S**  
Dpt Phys/Astronomy  
Univ New Mexico  
800 Yale Blvd NE  
Albuquerque NM 87131  
USA  
☎ 1 505 277 5148
- Campbell Donald B**  
Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 255 5274  
📞 1 607 255 1767
- Campbell Murray F**  
Physics/Astronomy Dpt  
Colby College  
Waterville ME 04901  
USA  
☎ 1 207 872 3251  
📞 1 207 872 3255  
✉ mfcampbe@colby.edu
- Campbell Robert M**  
Joint Inst VLBI in Europe  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 6500  
📞 31 521 59 7332  
✉ campbell@jive.nl
- Campbell-Wilson Duncan**  
Molonglo Radio Observ  
1152 Hoskinstown Rd  
via Bungendore NSW 2621  
Australia  
☎ 61 2 6238 2262  
📞 61 2 6238 2290  
✉ dcw@  
physics.usyd.edu.au
- Campins Humberto**  
Astronomy Dpt  
Univ Florida  
211 SSRB  
Gainesville FL 32611  
USA  
☎ 1 352 392 3066  
📞 1 352 392 5089  
✉ campins@  
astro.ufl.edu
- Campos Ana**  
Observ  
Nacional  
Apt 1143  
E 28800 Alcalá d Henares  
Spain  
☎ 34 1 885 5060  
📞 34 1 885 5062  
✉ ana@oan.es
- Campusano Luis E**  
Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4002  
📞 56 2 229 4101  
✉ lcampus@das.uchile.cl
- Canal Ramon M**  
Dpt Fisica Atmosfera  
Univ Barcelona  
Avd Diagonal 645  
E 08028 Barcelona  
Spain  
☎ 34 3 402 1125  
📞 34 3 402 1133
- Canalle Joao B G**  
Inst Fisica  
Univ Estado R de Janeiro  
RS Francisco Xavier  
534/3002D  
20550 013 Rio de Janeiro  
Brazil  
☎ 55 21 587 7447  
📞 55 21 587 7447  
✉ canalle@vmesa.uerj.br
- Cane Hilary Vivien**  
Physics Dpt  
Univ Tasmania  
GPO Box 252c  
Hobart TAS 7001  
Australia  
☎ 61 2 202 401  
📞 61 2 202 186  
✉ hilary.cane@  
phys.utas.edu.au
- Canfield Richard C**  
Physics Dpt  
Montana State Univ  
Bozeman MT 59717 0350  
USA  
☎ 1 406 994 6874  
📞 1 406 994 4452
- Canizares Claude R**  
Ctr for Space Res  
MIT Rm 37 241  
77 Massachusetts Ave  
Cambridge MA 02139 4307  
USA  
☎ 1 617 253 7480  
📞 1 617 253 0861  
✉ brendap@space.mit.edu
- Cannon Russell D**  
AAO  
Box 296  
Epping NSW 2121  
Australia  
☎ 61 2 9372 4869  
📞 61 2 9372 4860  
✉ rdc@aaoepp.aao.gov.au
- Cannon Wayne H**  
Dpt Phys/Earth/Atm Sci  
York Univ  
4700 Keele St  
Downsview ON M3J 1P3  
Canada  
☎ 1 416 667 6410
- Canto Jorge**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📞 52 5 616 0653

**Canzian Blaise**  
USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002  
USA  
☎ 1 520 779 5132  
① 1 520 774 3626  
✉ blaise@nofs.navy.mil

**Cao Changxin**  
Nanjing Astron  
Instrument Factory  
Box 846  
Nanjing  
China PR  
☎ 86 25 46191  
① 86 25 71 1256

**Cao Lihong**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
① 86 25 301 459

**Cao Xinwu**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 643 84618  
✉ cxw@  
center.shao.ac.cn

**Capaccioli Massimo**  
Osserv Capodimonte  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
① 39 049 875 9840

**Capaccioni Fabrizio**  
IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 4994 4454  
① 39 06 2066 0188  
✉ capaccio@ias.rm.cnr.it

**Capelato Hugo Vicente**  
INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 22 9977  
① 55 123 21 8743  
✉ hugo@das.inpe.br

**Capen Charles F**  
Solis Lacus Observ  
RT 2  
Box 262 E  
Cuba MO 65453  
USA

**Capitaine Nicole**  
Observ  
DAN  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2231  
① 33 1 40 51 2291  
✉ capitaine@obspm.fr

**Caplan James**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4189  
① 33 4 91 62 1190  
✉ James.Caplan@  
observatoire.cnrs-mrs.fr

**Cappa de Nicolau Cristina**  
IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 221 425 4909  
① 54 221 425 4909  
✉ ccappa@  
irma.iar.unlp.edu.ar

**Cappellaro Enrico**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
① 39 049 875 9840

**Cappi Alberto**  
Osserv Astronomico  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 406  
① 39 051 259 407  
✉ cappi@astbo3.bo.astro.it

**Capria Maria Teresa**  
IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34452  
① 39 06 206 60188  
✉ capria@  
saturn.ias.rm.cnr.it

**Caprioli Giuseppe**  
OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 347 056  
① 39 06 349 8236

**Capriotti Eugene R**  
Dpt Physics / Astron  
Michigan State Univ  
East Lansing MI 48824  
USA  
☎ 1 517 432 3612

**Caputo Filippina**  
Osserv d Capodimonte  
Via Moirariello 16  
I 80131 Napoli  
Italy  
☎ 39 08 144 0101  
① 39 08 145 6710  
✉ caputo@  
astrna.na.astro.it

**Capuzzo Dolcetta Roberto**  
Istt Astronomico  
Univ d Roma La Sapienza  
Via G M Lancisi 29  
I 00161 Roma  
Italy  
☎ 39 06 440 3734  
① 39 06 440 3673  
✉ dolcetta@  
astrmb.rm.astro.it

**Caranicolas Nicholas**  
Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 1357/59  
① 30 1 363 1606

**Carbon Duane F**  
NASA ARC  
MS 258 5  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 604 4413  
① 1 415 604 6779  
✉ dcarbon@nas.nasa.gov

**Cardini Daniela**  
IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
① 39 06 206 60188  
✉ cardini@  
saturn.ias.rm.cnr.it

**Cardona Octavio**  
INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
① 52 2 247 2231

**Cardus Almada J O**  
Osserv d Ebro  
URL  
E 43520 Roquetes  
Spain  
☎ 34 7 750 0511  
① 34 7 750 4660

**Cargill Peter J**  
Space/Atmosph Phys  
Imperial Coll  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7773  
① 44 171 594 7772  
✉ p.cargill@ic.ac.uk

- Carigi Leticia**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3996  
☎ 52 5 616 0653  
✉ carigi@astroscu.unam.mx
- Carlson John B**  
Archeoastron Ctr  
Box X  
College Park MD 20741  
3022  
USA  
☎ 1 301 864 6637
- Carlsson Mats**  
Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 536  
☎ 47 22 856 505  
✉ mats.carlsson@astro.uio.no
- Carney Bruce William**  
Dpt Phys/Astronomy  
Univ North Carolina  
204 Phillips Hall 039a  
Chapel Hill NC 27514 3255  
USA  
☎ 1 919 962 3023  
☎ 1 919 962 0480  
✉ bruce@sloth.astro.unc.edu
- Caroff Lawrence J**  
NASA ARC  
MS 240-1  
Bldg 240 Room 107  
Moffett Field CA 94035  
USA  
☎ 1 650 604 1545
- Caroubalos C A**  
Lab Electronic Physics  
Ntl Univ Athens  
Kthria Typa-ilissia  
GR 157 01 Athens  
Greece  
☎ 30 1 724 4096/11119
- Carpenter Kenneth G**  
NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3453  
☎ 1 301 286 1753  
✉ carpenter@stars.gsfc.nasa.gov
- Carpenter Lloyd**  
13902 Resin Ct  
Bowie MD 20720  
USA
- Carpino Mario**  
Osserv Astronomico  
d Brera  
Via Brera 28  
I 20121 Milano  
Italy  
☎ 39 02 723 20306  
☎ 39 02 720 01600  
✉ carpino@brera.mi.astro.it
- Carpintero Daniel Diego**  
FCAGS  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
☎ 54 221 421 1761  
✉ ddc@fcaglp.unlp.edu.ar
- Carquillat Jean-Michel**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
☎ 33 5 61 27 3179
- Carr Bernard John**  
School Mathemat Sc  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 980 4811  
☎ 44 181 975 5500
- Carr John Sherman**  
NRL  
Code 7217  
4555 Overlook Av SW  
Washington DC 20375 5351  
USA  
☎ 1 202 767 0670  
☎ 1 202 404 8894  
✉ carr@mriga.nrl.navy.mil
- Carr Thomas D**  
Astronomy Dpt  
Univ Florida  
211 SSRB  
Gainesville FL 32611  
USA  
☎ 1 352 392 2066  
☎ 1 352 392 5089  
✉ carr@astro.ufl.edu
- Carraminana Alberto**  
INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
☎ 52 2 247 2231  
✉ elsare@inaoep.mx
- Carranza Gustavo J**  
Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 423 0491  
☎ 54 351 421 0613  
✉ carranza@oac.uncor.edu
- Carraro Giovanni**  
Dpt Astronomia  
Univ di Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3425  
☎ 39 049 875 9840  
✉ carraro@pd.astro.it
- Carrasco Berth Esperanza**  
INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
☎ 52 2 247 2231
- Carrasco Guillermo**  
Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
☎ 56 2 229 4002
- Carrasco Luis**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
☎ 52 5 616 0653
- Carignan Claude**  
Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 7355  
☎ 1 514 343 2071  
✉ carignan@cc.umontreal.ca
- Carilli Christopher L**  
NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7000  
☎ 1 505 835 7027  
✉ ccarilli@nrao.edu
- Carlberg Raymond Gary**  
Dpt Astronomy  
Univ Toronto  
60 Saint George St.  
Toronto ON M5S 3H8  
Canada  
☎ 1 416 978 2198  
☎ 1 416 971 2026  
✉ carlberg@astro.utoronto.ca
- Carleton Nathaniel P**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7405  
☎ 1 617 495 7356
- Carlqvist Per A**  
Dpt Plasma Physics  
Royal Inst Technology  
SE 100 44 Stockholm 70  
Sweden  
☎ 46 87 87 7697



**Carrillo Moreno Rene**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3996  
☎ 52 5 616 0653  
✉ rene@astroscu.unam.mx

**Carroll P Kevin**

Physics Dpt  
Univ College  
Belfield  
Dublin 4  
Ireland  
☎ 353 1 693 244  
☎ 353 1 694 409

**Carruthers George R**

NRL  
Code 7123  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 2764  
☎ 1 202 404 7296

**Carsenty Uri**

DFVLR  
Ne Oe Pe  
OberpfaffenhBoxen  
D 8031 Wessling  
Germany  
☎ 49 815 328 1328  
☎ 49 815 32476

**Carsmaru Maria M**

Astron Inst  
Romanian Acad Sci  
Cutitul de Argint 5  
RO 75212 Bucharest  
Romania  
☎ 40 1 641 3686  
☎ 40 1 312 3391  
✉ carsmaru@roastro.astro.ro

**Carson T R**

Dpt Phys/Astronomy  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 1334 76161  
☎ 44 1334 74487

**Carswell Robert F**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 514  
☎ 44 12 23 337 523  
✉ rfc@ast.cam.ac.uk

**Carter Bradley Darren**

Fac Sciences  
Univ SQLD  
Toowoomba QLD 4320  
Australia  
☎ 61 7 46 312801  
☎ 61 7 46 31312721  
✉ carterb@usq.edu.au

**Carter Brian**

Carter Observ  
Ntl Observ New Zealand  
Box 2909  
Wellington 1  
New Zealand  
☎ 64 4 472 8167  
☎ 64 4 472 8320  
✉ brian.carter@carterobs.ac.nz

**Carter David**

Astrophysics Res Inst  
Liverpool John Moores Univ  
Twelve Quays House,  
Egerton Wharf  
Birkenhead Ch41 1LD  
UK  
☎ 44 15 12 312 914  
☎ 44 15 12 312 921  
✉ dxc@astro.livjm.ac.uk

**Carter William Eugene**

Dpt Civil Eng  
Univ Florida  
345 Weil Hall  
Gainesville FL 32611  
USA  
☎ 1 352 392 5003  
☎ 1 352 392 4957  
✉ bcarter@ce.ufl.edu

**Carusi Andrea**

IAS CNR  
Area Ricerca CNR Tor Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34447  
☎ 39 06 206 60188  
✉ carusi@ias.rm.cnr.it

**Carver John H**

Australian Ntl Univ  
Res School Phys Science  
Box 4  
Canberra ACT 2600  
Australia  
☎ 61 262 49 2476

**Casanovas Juan**

Vatican Observ  
VA 00120 Città del Vaticano  
Vatican City State  
☎ 39 06 698 3411/520606  
☎ 39 06 698 84671

**Casares Valazquez Jorge**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
☎ 34 2 240 5646

**Caselli Paola**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2253  
☎ 39 055 220 039  
✉ caselli@arcetri.astro.it

**Casertano Stefano**

Dpt Astron/Physics  
Univ Illinois  
1011 W Springfield Av  
Urbana IL 61801  
USA  
☎ 1 217 333 9380  
☎ 1 217 244 7638  
✉ stefano@rigel.astro.uluc.edu

**Cash Jr Webster C**

CASA  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0389  
USA  
☎ 1 303 492 4056  
☎ 1 303 492 4052

**Casoli Fabienne**

Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2028  
☎ 33 1 40 51 2002  
✉ fabienne.casoli@obsprm.fr

**Cassatella Angelo**

IAS CNR  
Area di Ricerca di Tor Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
☎ 39 06 206 60188  
✉ angelo@saturn.ias.rm.cnr.it

**Casse Michel**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 3917  
☎ 33 1 69 08 6577

**Cassinelli Joseph P**

Astronomy Dpt  
Univ Wisconsin  
475 N Charter St  
Madison WI 53706 1582  
USA  
☎ 1 608 262 1752  
☎ 1 608 263 0361

**Castagnino Mario**

IAFE  
CC 67 Suc 28  
1428 Buenos Aires  
Argentina  
☎ 54 11 4781 6755  
☎ 54 11 4814 4299  
✉ castagnino@tafe.uba.ar

**Castaneda Hector**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
☎ 34 2 226 3005

**Castelaz Micheal W**  
Physics Dpt  
E Tennessee State Univ  
Box 70652  
Johnson City TN 37614  
USA

☎ 1 615 461 7064  
✉ castelam@  
etsuarts.etsu-tn.edu

**Castellani Vittorio**

Dpt Fisica  
Univ d Pisa  
Piazza Torricelli 2  
I 56100 Pisa  
Italy  
☎ 39 050 433 43  
① 39 050 482 77

**Castelli Fiorella**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
① 39 040 30 9418

**Castelli John P**

125 Hillside Av  
Arlington MA 02174  
USA

**Castets Alain**

Observ  
Lab Astrophysique  
BP 53x  
F 38041 S Martin Heres Cdx  
France  
☎ 33 4 76 51 4786  
① 33 4 76 44 8821

**Castor John I**

LLNL  
L 58  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 422 4664  
① 1 415 422 5102  
✉ castor1@llnl.gov

**Caswell James L**

CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
① 61 2 868 0310  
✉ jcaswell@atnf.csiro.au

**Catala Claude**

Observ  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France

**Catala Poch M A**

M Asuncion  
Muntaner 83 B 3/3  
E 08011 Barcelona  
Spain  
☎ 34 4 532 569

**Catalano Francesco A**

Istt Astronomia  
Citta Universitaria  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2111  
① 39 095 33 0592  
✉ fcatalano@  
alpha4.ct.astro.it

**Catalano Santo**

Istt Astronomia  
Citta Universitaria  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2111  
① 39 095 33 0592  
✉ scatalano@  
sunct.ct.astro.it

**Catchpole Robin M**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 374 000  
① 44 12 23 374 700  
✉ catchpole@  
ast.cam.ac.uk

**Cato B Torgny**

Nordisk Telesatellitstat  
Box 107  
SE 457 00 Tanumshede  
Sweden  
☎ 46 52 52 9155

**Caton Daniel B**

Dpt Phys/Astronomy  
Appalachian State Univ  
Boone NC 28608  
USA  
☎ 1 704 262 2446  
✉ catondb@appstate.edu

**Catura Richard C**

1008 Columbus St  
Half Moon Bay CA 94019  
USA  
✉ catura@  
sag.space.lockeed.com

**Cauzzi Gianna**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2200  
① 39 055 220 039  
✉ gcauzzi@  
arcetri.astro.it

**Cavaliere Alfonso G**

Dpt Fisica/Astrofisica  
Univ d Roma Tor Vergata  
Via Ric Scientifica  
I 00133 Roma  
Italy  
☎ 39 06 725 94301  
① 39 06 202 3507

**Cavallini Fabio**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 437 8540  
① 39 055 220 039  
✉ fabio@arcetri.astro.it

**Cawley Michael**

Physics Dpt  
St Patrick's College  
Maynooth  
Maynooth Co Kildare  
Ireland  
☎ 353 1 285 222\*499

**Cawthorne Timothy V**

Centre for Astrophysics  
Univ Central Langashisre  
Preston PR1 2HE  
UK  
☎ 44 1772 893 560  
① 44 1772 892 996  
✉ t.v.cawthorne@  
uclan.ac.uk

**Cayatte Veronique**

Observ  
DAEC  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7424  
① 33 1 45 07 7123  
✉ Veronique.Cayatte@  
obspm.fr

**Cayrel Roger**

Observ  
DASGAL  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2251  
① 33 1 40 51 2232  
✉ Roger.Cayrel@  
obspm.fr

**Cayrel de Strobel Giusa**

Observ  
DASGAL  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7863  
① 33 1 45 07 7878  
✉ Giusa.Cayrel@  
obspm.fr

**Cazenave Anny**

CNES/GRGS/BGI  
18 Av E Belin  
F 31055 Toulouse Cdx  
France  
☎ 33 5 61 27 4011  
① 33 5 61 25 3205  
✉ anny.cazenave@  
to.astro.it

**Cazzola Paolo**

Osserv Astronom  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
① 39 049 875 9840

**Cecchi-Pellini Cesare**

Osserv d Capodimonte  
Via Moiraiello 16  
I 80131 Napoli  
Italy  
☎ 39 08 1298 384  
① 39 08 145 6710  
✉ cesarecp@  
cosmic.na.astro.it

**Cefola Paul J**

Mail Station 64  
C S Draper Lab  
555 Technology Sq  
Cambridge MA 02139  
USA  
☎ 1 617 258 1787

**Celebre Cynthia P**

PAGASA  
Weather Bureau  
1424 Quezon Avenue  
Quezon City 1104  
Philippines  
☎ 63 2 373 3418  
① 63 2 373 3421  
✉ cynthia\_celebre@hotmail.com

**Celis Leopoldo**

Dpt Astronomia  
Univ Catolica  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
① 56 2 229 4002

**Cellino Alberto**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9000  
① 39 011 461 9030  
✉ cellino@astto2.infn.it

**Cellone Sergio Aldo**

FCAGS  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
① 54 211 425 8985  
✉ scellone@fcaglp.unlp.edu.ar

**Celnikier Ludwik**

Observ  
DAEC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7410  
① 33 1 45 07 7123  
✉ Ludwik.Celnikier@obsprm.fr

**Centrella Joan M**

Physics Dpt  
Drexel Univ  
Philadelphia PA 19104  
USA  
☎ 1 215 895 2715

**Centurion Marin Miriam**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
① 34 2 240 5646/405 501  
✉ mcm@iac.es

**Cepa Jordi**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 605200  
① 34 922605210  
✉ jcn@iac.es

**Ceplecha Zdenek**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7155  
① 420 2 88 1611  
✉ ceplecha@asu.cas.cz

**Ceppatelli Guido**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 437 8540  
① 39 055 220 039  
✉ ceppatel@arcetri.astro.it

**Cernicharo Jose**

Ctr Astron d Yebes  
OAN  
Apt 148  
E 19080 Guadalajara  
Spain  
☎ 34 1 129 0311  
① 34 1 129 0063

**Cernis Kazimieras**

Inst Theor Physics/  
Astronomy  
Gostauto 12  
LT Vilnius 2600  
Lithuania  
☎ 370 2 613 440  
① 370 2 224 694  
✉ astro@itpa.fi.lt

**Cerroni Priscilla**

IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34451  
① 39 06 206 60188  
✉ priscio@saturn.ias.rm.cnr.it

**Cerruti'sola Monica**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 437 8540  
① 39 055 220 039  
✉ mcs@arcetri.astro.it

**Cersosimo Juan Carlos**

Dpt Phys/Electronic  
Univ Puerto Rico  
Cuh Station  
Humacao PR 00791  
USA  
☎ 1 809 850 9381  
① 1 809 852 4638

**Cesarsky Catherine J**

ESO  
Director General  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6227  
① 49 893 202 362  
✉ ccesarsk@eso.org

**Cesarsky Diego A**

MPE  
Postfach 1302  
D 85741 Garching  
Germany  
☎ 49 89 30000 3803  
① 49 89 30000 3601  
✉ diego.cesarsky@mpe.mpg.de

**Cester Bruno**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
① 39 040 30 9418

**Cevolani Giordano**

FISBAT  
CNR  
Via Castagnoli 1  
I 40126 Bologna  
Italy  
☎ 39 051 239 593/94

**Cha Du Jin**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Cha Gi Ung**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Chaffee Frederic H**

W M Keck Observ  
Box 220  
65 1120 Mamalahoa Hwy  
Kamuela HI 96743  
USA  
☎ 1 808 885 7887  
① 1 808 885 7887  
✉ fchaffee@keck.hawaii.edu

**Chaisson Eric J**

Wright Center  
Tufts Univ  
4 Colby St  
Medford MA 02155  
USA  
☎ 1 617 627 5393  
① 1 617 627 3995  
✉ eric.chaisson@tufts.edu

**Chakrabarti Sandip K**  
S.N. Bose Centre for Basic  
Sciences  
JD Block  
Sector- 3, Salt Lake City  
Calcutta 700091  
India  
☎ 91 33 337 6313  
☎ 91 33 334 3477  
✉ chakraba@  
oson.bose.res.in

**Chakraborty Deo K**  
Physics Dpt  
Univ Ravishankar  
Raipur 492 010  
India  
☎ 91 27 064

**Chalabaev Almas**  
OHP  
F 04870 S Michel Obs  
France  
☎ 33 4 92 76 6368  
☎ 33 4 92 76 6295

**Chamaraux Pierre**  
Observ  
ARPEGES  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7594  
☎ 33 1 45 07 7939  
✉ Pierre.Chamaraux@  
obspm.fr

**Chambe Gilbert**  
Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7793  
☎ 33 1 45 07 7959  
✉ Gilbert.Chambe@  
obspm.fr

**Chamberlain Joseph W**  
510 W Thousand Oaks Dr  
Peoria IL 61615 1394  
USA  
☎ 1 309 691 1442  
✉ jchambe584@aol.com

**Chamberlain Joseph M**  
Dpt Space  
Physics/Astronomy  
Rice Univ  
Houston TX 77001  
USA  
☎ 1 713 527 8101

**Chambers John E**  
Armagh Observ  
College Hill  
Armagh BT61 9DG  
UK  
☎ 44 18 61 522 928  
☎ 44 1861 527 174  
✉ jec@star.arm.ac.uk

**Chambliss Carlson R**  
Dpt Physical Sci  
Kutztown Univ  
Kutztown PA 19530  
USA  
☎ 1 215 683 4439

**Chamcham Khalil**  
Univ Hassan II Ain Chock  
Fac Sc Astron/Astrophys  
BP 5366 Maarif  
Casablanca  
Morocco  
☎ 212 2 446 134  
☎ 212 2 230 674  
✉ chamcham@  
star.cpes.susx.ac.uk

**Chan Kwing Lam**  
Applied Res Corp  
8201 Corporate Dr  
Suite 920  
Landover MD 20785  
USA  
☎ 1 301 459 8442  
☎ 1 301 459 0761

**Chan Roberto**  
Observ  
Rua GI Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7313  
☎ 55 21 580 0332  
✉ userchan@inccvm

**Chan Siu Kuen Josphine**  
Space Science Dept  
Rutherford Appleton Lab  
Chilton Didcot  
Oxon OX11 0QX  
UK  
☎ 44 12 35 445 771  
☎ 44 12 35 446 667  
✉ sjchan@  
ast.star.rl.ac.uk

**Chance Kelly V**  
Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7389  
☎ 1 617 495 7389  
✉ kelly@cfa.harvard.edu

**Chandler Claire**  
NRAO  
PO Box 0  
Socorro NM 87801  
USA  
☎ 1 505 835 7365  
☎ 1 505 835 7027  
✉ cchandle@nrao.edu

**Chandra Subhash**  
25 Faraway Rd  
Ammonk NY 10504  
USA

**Chandra Suresh**  
School Physical Sci  
SRTM Univ  
Nanded 431 606  
India  
☎ 91 2462 29242\*217  
☎ 91 2462 29245  
✉ chandra@123india.com

**Chandrasekhar T**  
PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
☎ 91 272 44 5292

**Chang Jin**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 330 3583  
☎ 86 25 330 1459

**Chang Kyongae**  
Dpt Physics/Optics  
Chungju Univ  
Chungju 360 764  
Korea RP  
☎ 82 431 229 8549  
☎ 82 431 229 8432  
✉ kchang@chongju.ac.kr

**Chang Ruixiang**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191 520  
☎ 86 21 6438 4618  
✉ crx@center.shao.ac.cn

**Chaudhuri Arnab**  
Physics Dpt  
IISc  
Karnataka  
Bangalore 560 012  
India  
☎ 91 81 234 4411  
☎ 91 81 234 1683  
✉ arnab@  
physics.iisc.ernet.in

**Chapman Clark R**  
Southwest Res Inst  
1050 Walnut St  
Suite 426  
Boulder CO 80302  
USA  
☎ 1 303 546 9687

**Chapman Gary A**  
Dpt Phys/Astron  
San Fernando Observ  
California State Univ  
Northridge CA 91330 8268  
USA

☎ 1 818 885 2775

**Chapman Jessica**  
CSIRO  
ATNF  
Box 296  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
☎ 61 2 868 0310  
✉ jchapman@atnf.csiro.au

**Chapman Robert D**  
10976 Swanfields Rd  
Columbia MD 21044  
USA  
☎ 1 301 596 4617

**Chapront Jean**  
Observ  
DAN  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2227  
① 33 1 40 51 2291  
✉ Jean.Chapront@obspm.fr

**Chapront-Touze Michelle**  
IMCCE  
Observatoire de Paris  
77 Av Denfert Rochereau  
F 75014 Paris  
France  
☎ 33 1 40 51 2266  
① 33 1 46 33 2834

**Charbonneau Paul**  
HAO  
NCAR  
Box 3000  
Boulder CO 80307 3000  
USA  
☎ 1 303 497 1594  
① 1 303 497 1589  
✉ paulchar@hao.ucar.edu

**Charbonnel Corinne**  
LA-OMP  
14 av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 27 87  
① 33 5 61 33 28 40  
✉ corinne@obs-mip.fr

**Charles Philip Allan**  
Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RQ  
UK  
☎ 44 186 527 3374  
① 44 186 527 3418  
✉ pac@astro.ox.ac.uk

**Charlot Patrick**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 57 77 6141  
① 33 5 57 77 6110  
✉ charlot@observ.u-bordeaux.fr

**Charlot Stephane**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8146  
① 33 1 44 32 8001  
✉ charlot@iap.fr

**Charmandaris Vassilis**  
Cornell Univ  
Astronomy Dpt  
106 Space Sciences Bldg  
Ithaca 14853 NY  
USA  
☎ 1 607 255 8774  
① 1 607 255 5875  
✉ vassilis@astrosun.tn.cornell.edu

**Chashey Igor V**  
Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia  
☎ 7 096 7732 757  
① 7 096 7732 482  
✉ chashey@prao.psn.ru

**Chassefiere Eric**  
Service Aeronomie  
BP 3  
F 91371 Verrieres Buisson  
France  
☎ 33 1 64 47 4211

**Chatterjee Tapan K**  
FCFM  
Univ A Puebla  
Apt Postal 1316  
Puebla PUE 72000  
Mexico  
☎ 52 22 285816  
① 52 22 443466  
✉ tchat@excite.com

**Chaty Sylvain**  
Dpt Physcis / Astron  
Open Univ  
Walton Hall  
Milton Keynes MK7 6AA  
UK  
☎ 44 1908 659 272  
① 44 1908 654 192  
✉ S.Chaty@open.ac.uk

**Chatzichristou Eleni T**  
NASA/GSFC  
Code 681 Bldg 21, R. G2  
Greenbelt MD 20771  
USA  
☎ 1 301 286 2114  
① 1 301 286 1753  
✉ eleni@astart.gsfsc.nasa.gov

**Chaubey Uma Shankar**  
Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136/2583

**Chauvineau Bertrand**  
OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 36 5849  
① 33 4 93 40 5353  
✉ bertrand.chauvineau@obs-azur.fr

**Chavarria'k Carlos**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 616 0653

**Chavez-Dagostino Miguel**  
INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
① 52 2 247 2231  
✉ mchavez@inaoep.mx

**Chavira Enrique Sr**  
INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
① 52 2 247 2231  
✉ chavira@tonali.inaoep.mx

**Chechetkin Valerij M**  
Keldysh Inst Applied Maths  
Acad Sciences  
Miusskaja Sq 4  
125047 Moscow  
Russia  
☎ 7 095 250 7847  
✉ chech@int.keldysh.ru

**Chelli Alain**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 616 0653

**Chen Biao**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
① 86 25 301 459

**Chen Da-Ming**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191 \*546  
① 86 21 6438 4618

**Chen Daohan**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 31096  
① 86 25 301 459

**Chen Jiansheng**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6487 7288  
✉ chen@vega.bac.pku.edu.cn

**Chen Kwan-yu**  
Astronomy Dpt  
Univ Florida  
211 SSRB  
Gainesville FL 32611  
USA  
☎ 1 352 392 2055  
📠 1 352 392 5089

**Chen Li**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618  
✉ chenli@center.shao.ac.cn

**Chen Li**  
Astronomy Dpt  
Beijing Normal Univ  
Beijing 100875  
China PR  
☎ 86 1 201 2288/2918  
📠 86 1 201 3929  
✉ zhoulzf@bnu.ihep.ac.cn

**Chen Meidong**  
Inst History Natural Science  
CAS  
137 Chaonei Street  
Beijing 100010  
China PR  
☎ 86 10 6525 1180  
📠 86 10 6401 7637

**Chen Peisheng**  
Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
📠 86 871 717 1845

**Chen Pengfei**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 3596 039  
📠 86 25 3596 817  
✉ chenpf@nju.edu.cn

**Chen Wen Ping**  
Inst Phys/Astronomy  
Ntl Central Univ  
Chung Li Taiwan 32054  
China R  
☎ 886 3 422 3424  
📠 886 3 426 2304  
✉ wchen@joule.phy.ncu.edu.tw

**Chen Xiaozhong**  
Beijing Planetarium  
138 Xi Wai St  
Beijing 100044  
China PR  
☎ 86 10 683 61691  
📠 86 10 683 53003

**Chen Yang**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 663 7551\*2882  
📠 86 25 330 2728  
✉ ygchen@nju.edu.cn

**Chen Yongjun**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191 530  
📠 86 21 6438 4618  
✉ cyj@center.shao.ac.cn

**Chen Zhen**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
📠 86 25 301 459

**Chen Zhencheng**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6488 8704

**Cheng Fuhua**  
Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 33 1134\*526  
📠 86 551 33 1760

**Cheng Fuzhen**  
Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 33 1134\*987  
📠 86 551 33 1760

**Cheng Kwang Ping**  
14204 Castle Blvd  
Silver Spring MD 20904  
USA  
☎ 1 301 286 3019  
📠 1 301 286 1753  
✉ cheng@stars.gsfc.nasa.gov

**Cheng Kwong-sang**  
Physics Dpt  
Univ Hong Kong  
Hong Kong  
China PR  
☎ 852 285 92 368  
📠 852 255 99 152  
✉ hrspsc@hkucc.hku.hk

**Chengalur Jayaram N**  
NCRA-TIFR  
PO Bag 3  
Pune Univ Campus  
Ganeshkind Pune 411 007  
India  
☎ 91 020 565 7107  
📠 91 020 565 5149  
✉ chengalur@ncra.tifr.res.in

**Chengmo Zhang**  
Inst High Energy Phys  
CAS  
Beijing 100039  
China PR  
☎ 86 1 6821 3344\*2149  
📠 86 10 6821 3374  
✉ zhangcm@heal2.ihep.ac.cn

**Cherepashchuk Analiy M**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2858  
📠 7 095 932 8841  
✉ boch@astronomy.msk.ru

**Chernin Arthur D**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2858  
📠 7 095 939 0126

**Chernov Gennadij P**  
ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 334 0902  
📠 7 095 334 0124

**Chernykh N S**  
Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
📠 380 6554 40704

**Chertok Iliia M**  
ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 334 0902  
📠 7 095 334 0124  
✉ ichertok@izmiran.troitsk.ru

- Chertoprud Vladimir E**  
Hydrometeorologic Res Ctr  
Bolshoi Predtechensky Per 9  
11  
123342 Moscow  
Russia  
☎ 7 095 255 5026  
📠 7 095 255 1582
- Chiappini Moraes Leite Cristina**  
Observ di Treieste  
Via G.B. Teipolo 11  
I 34131 Italy  
Italy  
☎ 39 040 319 9244  
✉ chiappini@ts.astro.it
- Chiba Masashi**  
Ntl Astron Observ  
Osawa 2 21 1  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3619  
📠 81 422 34 3793  
✉ chibams@cc.nao.ac.jp
- Chikada Yoshihiro**  
Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan  
☎ 81 267 98 2831  
📠 81 267 98 2884
- Chikawa Michiyuki**  
Dpt Physics  
Kinki Univ  
Osaka 577 8502  
Japan  
☎ 81 6 672 12332\*4091  
📠 81 6 672 74301  
✉ chikawa@  
phys.kindai.ac.jp
- Chincarini Guido L**  
Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
📠 39 09 908 492  
✉ guido@  
merate.mi.astro.it
- Chini Rolf**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 0  
📠 49 228 525 229
- Chinnici Ileana**  
via la Masa 21  
Misilmeri  
I 90036 Palermo  
Italy  
☎ 39 091 233 443  
✉ chinnici@  
oapa.astro.unipa.it
- Chio Chol Zong**  
Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239
- Chiosi Cesare S**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3422/3411  
📠 39 049 875 9840  
✉ chiosi@pd.astro.it
- Chis Gheorghe Dorin**  
Astron Observ  
Romanian Acad Sci  
Ul Ciresilor 19  
RO 3400 Cluj Napoca  
Romania  
☎ 40 64 194 592  
📠 40 64 194 592
- Chistyakov Vladimir E**  
Ussuriisk Solar Station  
Primorsky Kray  
692533 Gornotazhnoe  
Russia
- Chitre Dattakumar M**  
Computer Sciences Corp  
System Sciences Div  
8728 Colesville Rd  
Silver Spring MD 20910  
USA
- Chitre Shashikumar M**  
TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 219 111  
📠 91 22 495 2110  
✉ chitre@astro.tifr.res.in
- Chiu Hong Yee**  
NASA GSFC  
Code 914  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8256  
📠 1 301 286 1663  
✉ chiu@oz.gsfc.nasa.gov
- Chiu Liang-Tai George**  
IBM  
T J Watson Res Ctr  
Box 218  
Yorktown Heights NY 10598  
USA  
☎ 1 914 945 2436  
✉ glt@watson.ibm.com
- Chiuderi Claudio**  
Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
📠 39 055 220 039  
✉ chiuderi@  
arctetri.astro.it
- Chiuderi-Drago Franca Pr**  
Osserv Astris Arctetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 437 8540  
📠 39 055 220 039  
✉ fdrago@arctetri.astro.it
- Chiueh Tzihong**  
Inst Phys/Astronomy  
Ntl Central Univ  
Chung Li Taiwan 32054  
China R  
☎ 886 3 422 7151\*5341  
📠 886 3 425 1175  
✉ chiueh@  
physast.dnet.ncu.edu.tw
- Chiumiento Giuseppe**  
Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9000  
📠 39 011 461 9030  
✉ chiumiento@to.astro.it
- Cheung Cynthia Y**  
NASA GSFC  
Code 631  
Astrophysics Data Facility  
Greenbelt 20771 MD  
USA  
☎ 1 301 286 2780  
📠 1 301 286 1771  
✉ cynthia.cheung@  
gsfc.nasa.gov
- Chevalier Claude**  
OHP  
F 04870 S Michel Obs  
France  
☎ 33 4 92 76 6368  
📠 33 4 92 76 6295
- Chevalier Roger A**  
Univ Station  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
0818  
USA  
☎ 1 804 924 4889  
✉ rac5x@virginia.edu
- Chevrel Serge**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2963  
📠 33 5 61 25 3205  
✉ chevrel@  
selenix.cnes.fr
- Chian Abraham Chian-Long**  
INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 22 9977  
📠 55 123 21 8743

**Chkhikvadze Iakob N**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 95 5367  
📠 995 32 98 7000

**Chlistovsky Franca**

Osserv Astronomico  
d Brera  
Via Brera 28  
I 20121 Milano  
Italy  
☎ 39 02 874 444  
📠 39 02 720 01600

**Chmielewski Yves**

Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
📠 41 22 755 3983  
✉ yves.chmielewski@obs.unige.ch

**Cho Se-Hyung**

ISSA  
Korea Astronomy Obs  
61-1, Wha-am, Yusong  
Tajjon 305 - 348  
Korea RP  
☎ 82 428 51 1281  
📠 82 428 61 5610

**Chochoł Drahomir**

Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska  
Lomnica  
Slovakia  
☎ 421 969 4467 866  
📠 421 969 4467 656  
✉ chochoł@auriga.ta3.sk

**Chodas Paul Winchester**

CALTECH/JPL  
MS 301 150  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 7795  
📠 1 818 393 1159  
✉ paul.chodas@jpl.nasa.gov

**Chodorowski Michal**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartyccka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
📠 48 22 841 0828  
✉ michal@camk.edu.pl

**Choe Seung Urn**

Dpt Earth Science/Ed  
Seoul Ntl Univ  
Sinlim Dong Gwang Gu  
Seoul 151 742  
Korea RP  
✉ choe@earth.snu.ac.kr

**Choi Kyu-Hong**

Dpt Astron/Meteorology  
Yonsei Univ  
Seodaemum ku  
Seoul 120 749  
Korea RP  
☎ 82 239 20 131  
📠 82 231 35 033

**Choi Won Chol**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Chokshi Arati**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672/676  
📠 91 80 553 4043  
✉ chokshi@iiap.ernet.in

**Chollet Fernand**

Observ  
DAN  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2205  
📠 33 1 40 51 2291  
✉ Fernand.Chollet@osbpm.fr

**Choloniewski Jacek**

Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
📠 48 22 29 4697  
✉ jch@plwauw61

**Chopinnet Marguerite**

57 r Thiers  
F 92100 Boulogne  
France  
☎ 33 1 47 61 1144

**Chou Chih-Kang**

Inst Phys/Astronomy  
Ntl Central Univ  
Chung Li Taiwan 32054  
China R  
☎ 886 3 426 2302  
📠 886 3 426 2304  
✉ chou@joule.phy.ncu.edu.tw

**Chou Dean-Yi**

Physics Dpt  
Ntl Tsing Hua Univ  
Hsin Chu 300043  
China R  
✉ dychou@twncu01

**Chou Kyong Chol**

Korean Space/Envirnt  
1402 Life Officetel Bldg  
Toido Dong Yongdongpo Ku  
Seoul 150 010  
Korea RP  
☎ 82 276 10 031  
📠 82 276 10 032

**Debi Choudhary**

Udaipur Solar Observ  
11 Vidya Marg  
Udaipur 313 001  
India  
☎ 91 294 560 626  
📠 91 294 525 959  
✉ debi@uso.ernet.in

**Choudhuri Arnab Rai**

Physics Dpt  
IISc  
Bangalore 560 012  
India  
☎ 91 80 334 4411  
📠 91 80 334 1683

**Christensen Per R**

Theoretical Astrophys Centre  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5913  
📠 45 35 32 5913  
✉ perrex@nbivax.nbi.dk

**Christensen-Dalsgaard J**

Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 89 42 3614  
📠 45 86 12 0740  
✉ jcd@ifu.au.dk

**Christian Carol Ann**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4764  
📠 1 410 338 2519  
✉ carolc@stsci.edu

**Christiansen Wayne A**

Dpt Phys/Astronomy  
Univ North Carolina  
204 Phillips Hall 039a  
Chapel Hill NC 27514  
USA  
☎ 1 919 962 3011  
📠 1 919 962 0480

**Christiansen Wilbur**

42 The Grange  
67 Mac Gregor St  
Deakin ACT 2600  
Australia  
☎ 61 06 281 5576

**Christodoulou Dmitris**

1617 S Beretania St 801  
Woburn MA 01801  
USA

**Christy James Walter**

Hughes Aircraft Corp  
1720 W Niona Pl  
Tucson AZ 85704  
USA  
☎ 1 520 297 1377



**Christy Robert F**

CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 213 795 6811  
☎ 1 818 568 1517

**Chrysovergis Michael**

22 Spartis St  
GR Callithea  
Greece

**Chu Hanshu**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 301096  
☎ 86 25 301 459

**Chu Yaoquan**

Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 3601852  
☎ 86 551 3601852  
✉ yqchu@ustc.edu.cn

**Chu You-Hua**

Dpt Astron/Physics  
Univ Illinois  
1002 W Green St  
Urbana IL 61801  
USA  
☎ 1 217 333 5535  
☎ 1 217 244 7638  
✉ chu@astro.uiuc.edu

**Chubb Talbot A**

5023 N 38th St  
Arlington VA 22207  
USA  
☎ 1 703 536 4427

**Chugai Nikolai N**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 951 3980  
☎ 7 095 230 2081  
✉ nchugai@inasan.rssi.ru

**Chun Mun-suk**

Dpt Astron/Meteorology  
Yonsei Univ  
Seodaemum ku  
Seoul 120 749  
Korea RP  
☎ 82 236 12 685  
☎ 82 231 35 033  
✉ mschun@galaxy.yonsei.ac.kr

**Chung Hyun Soo**

Korea Astronomy Observ  
36 1 Whaam Dong  
Yuseong Gu  
Taejon 305 348  
Korea RP  
☎ 82 428 65 3282  
☎ 82 428 65 3282  
✉ hschung@hanul.issa.re.kr

**Chupp Edward L**

Physics Dpt  
Univ New Hampshire  
Demeritt Hall  
Durham NH 03824  
USA  
☎ 1 603 862 2750  
☎ 1 603 862 2998  
✉ elc@christa.unh.edu

**Churazov Eugene M**

Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 3377  
☎ 7 095 333 5377  
✉ churazov@hea.iki.rssi.ru

**Churchwell Edward B**

Washburn Observ  
Univ Wisconsin  
475 N Charter St  
Madison WI 53706  
USA  
☎ 1 608 262 7857  
☎ 1 608 263 0361

**Chyzy Krzysztof Tadeusz**

Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 25 1294  
☎ 48 12 251 318  
✉ chris@oa.uj.edu.pl

**Ciardullo Robin**

Dpt Astron/Astrophys  
Pennsylvania State Univ  
Penn State Univ  
University Park PA 16802  
USA  
☎ 1 814 865 6601  
☎ 1 814 863 3399  
✉ rbc@astro.psu.edu

**Ciatti Franco**

Osserv Astrisrico  
Univ d Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy  
☎ 39 042 446 2665  
☎ 39 042 446 2884

**Cid Palacios Rafael**

Dpt Astronomia  
Univ Zaragoza  
E 50009 Zaragoza  
Spain  
☎ 34 7 676 1000  
☎ 34 7 676 1140

**Cidale Lydia Sonia**

Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
☎ 54 221 421 1761  
✉ lydiaa@fcaglp.edu.ar

**Cillie G G**

4 Minserie St  
7600 Stellenbosch  
South Africa  
☎ 27 02 231 3515

**Cincotta Pablo Miguel**

FCAGS  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
☎ 54 221 421 1761  
✉ pmc@fcaglp.fcaglp.unlp.edu.ar

**Cinzano Pierantonio**

Dpt Astronomia  
Univ di Padova  
Vic d Osservatorio 5  
I 35100 Padova  
Italy  
☎ 39 049 8293 473  
☎ 39 049 875 9840  
✉ cinzano@pd.astro.it

**Citterio Oberto**

Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
☎ 39 09 908 492  
✉ citterio@merate.mi.astro.it

**Ciurla Tadeusz**

Astron Inst  
Wroclaw Univ  
Ul Kopernika 11  
PL 51 622 Wroclaw  
Poland  
☎ 48 71 372 9373/74  
☎ 48 71 372 9378

**Clairemidi Jacques**

Observ  
41bis Av Observatoire  
BP 1615  
F 25000 Besancon Cdx  
France  
☎ 33 3 81 66 6900  
☎ 33 3 81 66 6944  
✉ jclairemidi@obs-besancon.fr

**Claria Juan**

Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 423 0491  
☎ 54 351 421 0613  
✉ claria@oac.uncor.edu

**Clark Barry G**

NRAO  
VLA  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 772 4011  
☎ 1 505 835 7027

**Clark David H**

Science Division  
Sci/Engineer Res Council  
North Star Av  
Swindon SN22 1SZ  
UK  
☎ 44 17 932 6222  
☎ 44 17 934 42002

**Clark Frank Oliver**  
Air Force Research Lab  
VS-BE  
29 Randolph Road  
Hanscom AFB MA 10731  
3010  
USA  
☎ 1 781 377 4139  
📠 1 781 377 3138  
✉ fclark@bigfoot.com

**Clark George W**  
Physics Dpt  
MIT  
77 Massachussets Ave  
Cambridge MA 02139 4307  
USA  
☎ 1 617 253 5842  
✉ gwc@space.mit.edu

**Clark Thomas Alan**  
Physics Dpt  
Univ Calgary  
2500 Univ Dr NW  
Calgary AB T2N 1N4  
Canada  
☎ 1 403 284 5392  
📠 1 403 289 3331

**Clark Thomas A**  
NASA GSFC  
Code 974  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5957

**Clark Jr Alfred**  
Dpt Mech/Aerospace Sci  
Univ Rochester  
Rochester NY 14627 0171  
USA

**Clarke Catherine**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 535  
📠 44 12 23 337 523  
✉ cclarke@castr.ast.cam.ac.uk

**Clarke David**  
Astronomy Dpt  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855  
📠 44 14 13 349 029  
✉ d.clarke@astro.gla.ac.uk

**Clarke John T**  
NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5781

**Clarke Thomas R**  
McLaughlin Planetarium  
Royal Ontario Museum  
100 Queens Park Crescent  
Toronto ON M5S 2C6  
Canada  
☎ 1 416 998 8551

**Clausen Jens Viggo**  
Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5926  
📠 45 35 32 5989  
✉ jvc@astro.ku.dk

**Claussen Mark J**  
NRL  
Code 4210  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 0670

**Clavel Jean**  
ESA  
Apt 50727 Villafranca  
E 28080 Madrid  
Spain  
☎ 34 91 813 1251  
📠 34 91 813 1172  
✉ jclavel@iso.vilspa.esa.es

**Clay Roger**  
Dpt Physics/  
Math Physics  
Univ Adelaide  
Adelaide SA 5005  
Australia  
☎ 61 8 8303 5996  
📠 61 8 8303 4380  
✉ rclay@physics.adelaide.edu.au

**Clayton Donald D**  
Dpt Phys/Astronomy  
Clemson Univ  
Clemson SC 29634 1911  
USA  
☎ 1 803 656 5299  
✉ cdonald@clemson.edu

**Clayton Geoffrey C**  
Dpt Phys/Astronomy  
Louisiana State Univ  
Baton Rouge LA 70803 4001  
USA  
☎ 1 225 388 8275  
📠 1 225 388 5855  
✉ gclayton@fenway.phys.lsu.edu

**Clayton Robert N**  
Enrico Fermi Inst  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 773 702 7777  
📠 1 773 702 5863  
✉ r-clayton@uchicago.edu

**Clegg Peter E**  
Astrophysics Group  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 975 5038  
📠 44 181 975 5500  
✉ pec@star.qmw.ac.uk

**Clegg Robin E S**  
Part Phys/Astron Res co  
Polaris House  
North Star Av  
Swindon SN22 1SZ  
UK  
☎ 44 17 934 42000  
📠 44 17 934 42002

**Clemens Dan P**  
Astronomy Dpt  
Boston Univ  
725 Commonwealth Av  
Boston MA 02215  
USA  
☎ 1 617 353 6140  
📠 1 617 353 5704

**Clement Maurice J**  
Astronomy Dpt  
Univ Toronto  
60 St George St  
Toronto ON M5S 1A1  
Canada  
☎ 1 416 978 4833  
📠 1 416 978 3921

**Clement Rosa Maria**  
Dpt Astron/Astrofisica  
Univ Valencia  
Dr Moliner 50  
E 46100 Burjassot  
Spain  
☎ 34 6 398 3073  
📠 34 6 398 3084  
✉ clement@deneb.matapl.uv.es

**Clette Frederic**  
Observ Royal  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0233  
📠 32 2 374 9822  
✉ frederic.clette@oma.be

**Clifton Kenneth St**  
NASA MSFC  
Space Science Lab  
Code ES 63  
Huntsville AL 35812  
USA  
☎ 1 205 453 2305  
📠 1 205 547 7754

**Climenhaga John L**  
Dpt Phys/Astronomy  
Univ Victoria  
Box 3055  
Victoria BC V8W 3P6  
Canada  
☎ 1 250 721 7741  
📠 1 250 721 7715

**Cline Thomas L**  
NASA GSFC  
Code 661  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8375

**Cliver Edward W**  
AFPL  
Space Physics Div  
Hanscom AFB  
Bedford MA 01731 3010  
USA  
☎ 1 617 861 3975  
✉ edward.cliver@hanscom.af.mil

**Clowes Roger G**  
Centre for Astrophysics  
Univ Central Lancashire  
Preston PR1 2HE  
UK  
☎ 44 1772 893558  
① 44 1772 892996  
✉ r.g.clowes@uclan.ac.uk

**Clube S V M**  
Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RH  
UK  
☎ 44 186 527 3999  
① 44 186 527 3947

**Clutton-Brock Martin**  
Dpt Maths/Astronomy  
Univ Manitoba  
Winnipeg MB R3t 2N2  
Canada  
☎ 1 204 474 9501

**Cochran Anita L**  
Astronomy Dpt  
Univ Texas  
R1m 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 1471  
① 1 512 471 6016  
✉ anita@zinfandel.as.utexas.edu

**Cochran William David**  
Astronomy Dpt  
Univ Texas  
R1m 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 4461  
① 1 512 471 6061  
✉ wdc@shiraz.as.utexas.edu

**Cocke William John**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 6540  
① 1 520 621 1532  
✉ jcocke@as.arizona.edu

**Code Arthur D**  
Washburn Observ  
Univ Wisconsin  
475 N Charter St  
Madison WI 53706  
USA  
☎ 1 608 262 9594  
① 1 608 263 0361  
✉ code@madraf.astro.wisc.edu

**Codina Landaberry Sayd J**  
Observ  
Rua GI Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7313\*267  
① 55 21 580 0332

**Codina Vidal J M**  
Fabra Observ  
Gran Via de Los Cortes  
Catalanes 679  
E 08013 Barcelona  
Spain  
☎ 34 3 245 4766

**Coe Malcolm**  
Physics Dpt  
Southampton Univ  
The Univ  
Southampton SO9 5NH  
UK  
☎ 44 170 359 2108  
① 44 170 358 5813  
✉ mjc@phastr.soton.ac.uk

**Coelho Balsa Mario C**  
Rua Trindade Coelho 21  
2o Dto  
P 3000 Coimbra  
Portugal

**Coffeen David L**  
Box 151  
Hastings Hudson NY 10706  
USA  
☎ 1 914 478 2594

**Coffey Helen E**  
NOAA NGDC E/GC2  
Solar-Terrestrial Physics Div  
325 Broadway  
Boulder CO 80303 3337  
USA  
☎ 1 303 497 6215  
✉ hcoffey@ngdc.noaa.gov

**Cogan Bruce C**  
MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 881 111  
① 61 262 490 233

**Cohen Jeffrey M**  
Physics Dpt  
Univ Pennsylvania  
Philadelphia PA 19104  
USA  
☎ 1 215 898 8176  
① 1 215 898 9336

**Cohen Judith**  
CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 818 356 4005  
① 1 818 568 1517  
✉ jlc@deimos.caltech.edu

**Cohen Leon**  
Physics Dpt  
Hunters Coll  
695 Park Av  
New York NY 10021  
USA  
☎ 1 212 570 5696  
① 1 212 772 5393

**Cohen Marshall H**  
CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 213 356 4000  
① 1 818 568 1517

**Cohen Martin**  
Radio Astronomy Lab  
Univ California  
601 Campbell Hall  
Berkeley CA 94720  
USA  
☎ 1 415 642 2833  
① 1 415 642 6424

**Cohen Raymond J**  
Univ Manchester  
Jodrell Bank  
Macclesfield  
Cheshire SK11 9DL  
UK  
☎ 44 14 77 571 321  
① 44 14 77 571618  
✉ rjc@jb.man.ac.uk

**Cohen Richard S**  
Inst Space Studies  
2880 Broadway  
New York NY 10025  
USA  
☎ 1 212 678 5611

**Cohen Ross D**  
CASS  
UCSD  
C 011  
La Jolla CA 92093 0216  
USA  
☎ 1 858 534 2664  
① 1 858 534 0177  
✉ rdcohen@ucsd.edu

**Cohn Haldan N**  
Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405  
USA  
☎ 1 812 335 4174  
① 1 812 855 8725

**Colangeli Luigi**

Osserv d Capodimonte  
Via Moiarriello 16  
I 80131 Napoli  
Italy  
☎ 39 08 1298 384  
① 39 08 145 6710  
✉ colangeli@  
astrna.na.astro.it

**Colburn David S**

501 Portola Road  
Box 8146  
Portola Valley CA 94028  
USA  
☎ 1 650 424 4368  
✉ colburn@value.net

**Cole Trevor William**

School Electrical Eng  
UNSW  
Sydney NSW 2006  
Australia  
☎ 61 2 692 2682  
① 61 2 660 2903

**Coleman Paul Henry**

Physics Dpt  
Univ Puerto Rico  
Box 23343  
Rio Piedras PR 00931 3343  
USA  
☎ 1 787 764 0000\*7346  
① 1 787 764 4063  
✉ gruff@  
astro1.cnet.clu.edu

**Coles Peter**

School Physics / Astron  
Univ Nottingham  
Univ Park  
Nottingham NG7 2 RD  
UK  
☎ 44 1159 515 132  
① 44 115 951 5187  
✉ pcoles@  
uk.ac.qmw.starlink

**Coletti Donna J**

CfA  
John Wolbach Library  
60 Garden St MS56  
Cambridge MA 02138  
USA  
☎ 1 617 495 7289  
① 1 617 495 7199  
✉ dcoletti@  
cfa.harvard.edu

**Colgate Stirling A**

LANL  
MS B275  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 2897  
① 1 505 665 4055

**Colin Jacques**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 5 56 86 4330  
① 33 5 56 40 4251  
✉ Jacques.Colin@  
obs-azur.fr

**Colin Pedro**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 616 0653  
✉ colin@  
astroscu.unam.mx

**Collados Manuel**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
① 34 2 226 3005

**Colless Matthew**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 798 030  
① 61 262 490 233/0260  
✉ colless@mso.anu.edu.au

**Collin Suzy**

Observ  
DAEC  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7967  
① 33 1 45 07 7123  
✉ Suzy.Collin@obspm.fr

**Collins George W ii**

CWRU  
Dpt Astronomy  
10900 Euclid Ave  
Cleveland OH 44106 7215  
USA  
☎ 1 216 368 6696  
① 1 216 368 5023  
✉ Collins@  
grmdl.astr.cwru.edu

**Colom Pierre**

Observ  
ARPEGES  
PI J Janssen  
F 92190 Meudon PI Cdx  
France  
☎ 33 1 45 07 7579  
① 33 1 45 07 7939  
✉ pierre.colom@  
obspm.fr

**Colomb Fernando R**

IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 11 4331 0074  
✉ rcolomb@  
conae.gov.ar

**Colombi Stephane**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8120  
① 33 1 44 32 8001  
✉ colombi@iap.fr

**Colombo G**

Istt Meccanica Appl  
Univ d Padova  
Via Marzolo 8  
I 35122 Padova  
Italy  
☎ 39 049 661 499  
① 39 049 875 9840

**Colomer Francisco**

Observ  
Nacional  
Apt 1143  
E 28800 Alcalá d Henares  
Spain  
☎ 34 1 885 5060  
① 34 1 885 5062  
✉ colomer@oan.es

**Coluzzi Regina**

OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 347 056  
① 39 06 349 8236  
✉ coluzzi@  
astrmp.mporzio.astro.it

**Coma Juan Carlos**

ROA  
Plaza de las Marinas s/n  
Cecilio Pujazon 22 3 A  
E 11110 San Fernando  
Spain  
☎ 34 95 688 3548  
① 34 95 659 9366  
✉ jcoma@roa.es

**Comastri Andrea**

Osserv Astronom  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 419  
① 39 051 259 407  
✉ comastri@  
astbo3.bo.astro.it

**Combes Francoise**

Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2077  
① 33 1 40 51 2002  
✉ francoise.combes@  
obspm.fr

**Combes Michel**

Observ  
DESPA  
PI J Jansen  
F 92125 Meudon PPL Cdx  
France  
☎ 33 1 40 51 2157  
① 33 1 40 51 2806  
✉ combes.michel@  
obspm.fr

**Combi Jorge Ariel**  
 IAR  
 CC 5  
 1894 Villa Elisa (Bs As)  
 Argentina  
 ☎ 54 221 425 4909  
 ☎ 54 221 425 4909  
 ✉ combi@irma.iar.unlp.edu.ar

**Combi Michael R**  
 Space Physics Res Lb  
 Univ Michigan  
 2455 Hayward St  
 Ann Arbor MI 48109 2143  
 USA  
 ☎ 1 313 764 7226  
 ☎ 1 313 747 3083  
 ✉ combi@sprc.spl.umich.edu

**Comins Neil Francis**  
 Dpt Phys/Astronomy  
 Univ Maine  
 Bennett Hall  
 Orono ME 04469  
 USA  
 ☎ 1 207 581 1037

**Comoretto Giovanni**  
 Osserv Astris Arcetri  
 Univ d Firenze  
 Largo E Fermi 5  
 I 50125 Firenze  
 Italy  
 ☎ 39 055 437 8540  
 ☎ 39 055 220 039  
 ✉ comoretto@arcetri.astro.it

**Comte Georges**  
 Observ  
 2 Pl Le Verrier  
 F 13248 Marseille Cdx 04  
 France  
 ☎ 33 4 95 04 4101  
 ✉ Georges.Comte@observatoire.cnrs-mrs

**Conconi Paolo**  
 Osserv Astronomico  
 d Milano  
 Via E Bianchi 46  
 I 22055 Merate  
 Italy  
 ☎ 39 09 906 412  
 ☎ 39 09 908 492

**Condon James J**  
 NRAO  
 520 Edgemont Rd  
 Charlottesville VA 22903  
 USA  
 ☎ 1 434 296 0322  
 ☎ 1 434 296 0278  
 ✉ jcondon@nrao.edu

**Conklin Edward K**  
 2959 Kalaaua Av  
 N 1004  
 Honolulu HI 96815  
 USA

**Connes Janine**  
 CIRCE  
 BP 63  
 F 91400 Orsay  
 France  
 ☎ 33 1 69 28 7675

**Connes Pierre**  
 Service Aeronomie  
 BP 3  
 F 91371 Verrieres Buisson  
 France  
 ☎ 33 1 64 47 4277

**Connolly Leo Paul**  
 Physics Dpt  
 California State Univ  
 5500 Univ Parkway  
 San Bernardino CA 92407  
 USA  
 ☎ 1 714 880 5400

**Considere Suzanne**  
 Observ  
 41bis Av Observatoire  
 BP 1615  
 F 25010 Besancon Cdx  
 France  
 ☎ 33 3 81 66 69 16  
 ☎ 33 3 81 66 6944  
 ✉ sc@obs-besancon.fr

**Consolmagno Guy Joseph**  
 Vatican Observ  
 Steward Observ  
 Univ Arizona  
 Tucson AZ 85721  
 USA  
 ☎ 1 520 621 7855  
 ☎ 1 520 621 1532  
 ✉ gjc@as.arizona.edu

**Contadakis Michael E**  
 Dpt Geodesy/Survey  
 Univ Thessaloniki  
 GR 540 06 Thessaloniki  
 Greece  
 ☎ 30 31 99 6134  
 ☎ 30 31 99 6408  
 ✉ kodadaki@eng.auth.gr

**Conti Peter S**  
 JILA  
 Univ Colorado  
 Campus Box 440  
 Boulder CO 80309 0440  
 USA  
 ☎ 1 303 492 7789  
 ☎ 1 303 492 5235  
 ✉ conti@jila.colorado.edu

**Contopoulos George**  
 Astronomy Center  
 Academy Athens  
 Anagnostopoulou 14  
 GR 106 73 Athens, Greece  
 Greece  
 ☎ 30 1 363 1606  
 ☎ 30 1 363 1606  
 ✉ gcontop@cc.uoa.gr

**Conway Andrew J**  
 Dpt Physcis / Astron  
 Open Univ  
 Walton Hall  
 Milton Keynes MK7 6AA  
 UK  
 ☎ 44 1908 654 083  
 ☎ 44 1908 654 192  
 ✉ a.j.conway@open.ac.uk

**Conway John**  
 Onsala Space Observ  
 Chalmers Technical Univ  
 SE 439 92 Onsala  
 Sweden  
 ☎ 46 31 772 5503  
 ☎ 46 31 772 5590  
 ✉ jconway@oso.chalmers.se

**Conway Robin G**  
 NRAL  
 Univ Manchester  
 Jodrell Bank  
 Macclesfield SK11 9DL  
 UK  
 ☎ 44 147 477 1321  
 ☎ 44 147 757 1618

**Cook Alan H**  
 Dpt Phys/Univ Cambridge  
 The Master's Lodge  
 Selwyn College  
 Cambridge CB3 9DQ  
 UK  
 ☎ 44 12 23 335 889  
 ☎ 44 12 23 335 837

**Cook John W**  
 NRL  
 Code 7668  
 Washington DC 20375 5352  
 USA  
 ☎ 1 202 767 2649  
 ☎ 1 202 767 5636  
 ✉ cook@hrts.nrl.navy.mil

**Cook Kem Holland**  
 LLNL  
 L 413  
 Box 808  
 Livermore CA 94550  
 USA  
 ☎ 1 925 423 4634  
 ☎ 1 925 423 0238  
 ✉ kcook@llnl.gov

**Cooke B A**  
 Dpt Phys/X-Ray Astron  
 Univ Leicester  
 Univ Rd  
 Leicester LE1 7RH  
 UK  
 ☎ 44 1162 522 073  
 ☎ 44 1162 523 311

**Cooke John Alan**  
 Royal Observ  
 Blackford Hill  
 Edinburgh EH9 3HJ  
 UK  
 ☎ 44 13 16 673 221  
 ☎ 44 13 16 688 356

**Cooper Timothy**  
 ASSA  
 Box 14740  
 1623 Bredell  
 South Africa  
 ☎ 27 11 967 2250  
 ☎ 27 11 918 2114  
 ✉ tpcoope@mweb.co.za

**Cora Sofia Alejandra**  
Observ  
Paseo del Bosque S/N  
La Plata 1900 (Bs As)  
Argentina  
☎ 54 221 423 6593  
① 54 221 423 6591  
✉ sacora@fcaglp.unlp.edu.ar

**Coradini Angioletta**  
IAS CNR  
Rep Planetologia  
Via d universita 11  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
① 39 06 206 60188  
✉ coradini@saturn.ias.fra.cnr.it

**Corbally Christopher**  
Steward Observ  
Univ Arizona  
Vatican Obs Res Gp  
Tucson AZ 85721  
USA  
☎ 1 520 621 3225  
① 1 520 621 1532  
✉ corbally@as.arizona.edu

**Corbelli Edvige**  
Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 437 8540  
① 39 055 220 039  
✉ edvige@arcetri.astro.it

**Corbet Robin Henry D**  
NASA GSFC  
Code 662  
Greenbelt MD 20771  
USA  
☎ 1 301 286 2851  
① 1 301 286 1684  
✉ corbet@lheamail.gsfc.naa.gov

**Corbin Brenda G**  
USNO Library  
3450 Massachusetts Ave NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1463  
① 1 202 762 1083  
✉ bgc@sicon.usno.navy.mil

**Corbin Michael R**  
Steward Observ  
Univ Arizona  
Tucson AZ 85719  
USA  
☎ 1 520 626 8072  
① 1 520 621 1891  
✉ mcorbin@as.arizona.edu

**Corbin Thomas Elbert**  
8826 Brierley Road  
Chevy Chase MD 20815  
USA  
☎ 1 301 656 8719  
① 1 202 762 1083  
✉ batblny@aol.com

**Corcoran Michael Francis**  
NASA GSFC  
Code 660 2  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5576  
① 1 301 286 1629  
✉ corcoran@barnegat.gsfc.nasa.gov

**Cordes James M**  
Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 256 3734  
① 1 607 255 1767

**Cordova France A D**  
NASA Headquarters  
MC AH  
600 Independence Av SW  
Washington DC 20546 0001  
USA  
☎ 1 202 358 1809  
① 1 202 358 2810  
✉ cordova@admingw.hq.nasa.gov

**Corliss C H**  
Forest Hills Lab  
2955 Albemarle St NW  
Washington DC 20008  
USA  
☎ 1 202 362 6085

**Cornejo Alejandro A**  
INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
① 52 2 247 2231

**Cornide Manuel**  
Dpt Astrofisica  
Fac Fisica  
Univ Complutense  
E 28040 Madrid  
Spain  
☎ 34 1 449 5316  
① 34 1 394 5195

**Cornille Marguerite**  
Observ  
DARC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7455  
① 33 1 45 07 7971  
✉ Marguerite.Cornille@obsppm.fr

**Corradi Wagner J B**  
av Americano Vespucio,  
955/06  
Aparecida  
Belo Horizonte MC 31230  
240  
Brazil  
☎ 55 31 428 2025  
① 55 31 499 5600  
✉ wag@fisica.ufmg.br

**Correia Emilia**  
CRAAE INPE  
EPUSP/PTR  
CP 61548  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 815 6289  
① 55 11 815 4272  
✉ ecorreia@brusp.ansp.br

**Corwin Jr Harold G**  
CALTECH  
MS 100 22  
IPAC  
Pasadena CA 91125  
USA  
☎ 1 626 395 3154  
① 1 626 397 9600  
✉ hgcjr@ipac.caltech.edu

**Cosentino Rosario**  
via Ravanusa12  
I 95030 Tremestieri Etnio  
Italy  
☎ 39 095 733 2260  
① 39 095 733 0592  
✉ rco@sunct.ct.astro.it

**Cosmovici C Batalli**  
IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
① 39 06 206 60188

**Costa Andrea**  
IAFE  
CC 67 Suc 28  
1428 Buenos Aires  
Argentina  
☎ 54 11 4781 6755  
① 54 11 4786 8114  
✉ costa@iafe.edu.ar

**Costa Edgardo**  
Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
① 56 2 229 4002  
✉ ecosta@das.uchile.cl

**Costa Enrico**  
IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34004  
① 39 06 206 60188  
✉ costa@saturn.ias.rm.cnr.it

**Costa Joaquim E R**  
CRAAE INPE  
EPUSP/PTR  
CP 61548  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 815 6289  
① 55 11 815 4272  
✉ jercosta@brusp.ansp.br

**Costa Marco E**

School Physics  
Univ Tasmania  
GPO Box 252 21  
Hobart 7001  
Australia  
☎ 61 3 6248 5285  
① 61 3 6226 2410  
✉ marco.costa@utas.edu.au

**Costa Roberto D D**

Dpt de Astronomia - USP  
av Miguel Stefano, 4200  
Sao Paulo SP 04301-904  
Brazil  
☎ 55 11 577 8599  
① 55 11 577 0270  
✉ roberto@iagusp.usp.br

**Costa Victor**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 812 1311  
① 34 5 881 4530

**Costero Rafael**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3922  
① 52 5 616 0653  
✉ costero@astroscu.unam.mx

**Cotton Jr William D**

NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0319

**Cottrell Peter Ledsam**

Dpt Phys/Astronomy  
Univ Canterbury  
Private Bag 4800  
Christchurch 1  
New Zealand  
☎ 64 3 364 2532  
① 64 3 364 2469  
✉ p.cottrell@csc.canterbury.ac.nz

**Couch Warrick**

School Physics  
UNSW  
Sydney NSW 2052  
Australia  
☎ 61 2 9385 4578  
① 61 2 9385 6060  
✉ wjc@bat.phys.unsw.edu.au

**Couchman Hugh M P**

Dpt Phys/Astronomy  
Univ W Ontario  
London ON N6A 3K7  
Canada  
☎ 1 519 661 3183  
① 1 519 661 2009

**Coulson Iain M**

Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 961 3756  
① 1 808 961 6516

**Counselman Charles C**

Dpt Earth/Planet Sci  
MIT Rm 37 552  
77 Massachusetts Ave  
Cambridge MA 02139  
USA  
☎ 1 617 253 7902  
① 1 617 253 7939  
✉ ccc@space.mit.edu

**Couper Heather**

Collins Cottage Lower Rd  
Loosley Row  
Bucks HP17 0PF  
UK  
☎ 44 18 44 347 493  
① 44 18 44 274 782  
✉ heather@hencoup.demon.co.uk

**Coupint Gerard**

OMP  
57 r d'Azereix  
F 65008 Tarbes Cedex  
France  
☎ 33 5 62 95 1969  
① 33 5 62 95 1969

**Courteau Stephane**

Dpt Physics/Astronomy  
UBC  
6224 Agricultural Road  
Vancouver BC V6T 1Z1  
Canada  
☎ 1 604 822 4891  
① 1 604 822 6047  
✉ courteau@astro.ubc.ca

**Courtes Georges**

LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 94 05 4100  
① 33 4 91 62 1190

**Courtin Regis**

Observ  
DESPA  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7729  
① 33 1 45 07 7971  
✉ Regis.Courtin@obspm.fr

**Courvoisier Thierry J.-L.**

INTEGRAL  
Science Data Ctr  
16 Chemin Ecogia  
CH 1290 Versoix  
Switzerland  
☎ 41 22 950 9101  
① 41 22 950 9133  
✉ thierry.courvoisier@obs.unige.ch

**Couteau Paul**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3063  
① 33 4 92 00 3033  
✉ paul.couteau@obs-nice.fr

**Coutrez Raymond A J**

Univ Brussels  
6 r Eglise Bouvier  
B 1160 Bruxelles  
Belgium  
☎ 32 2 672 4802

**Coutts-Clement Christine**

Astronomy Dpt  
Univ Toronto  
60 St George St  
Toronto ON M5S 1A1  
Canada  
☎ 1 416 978 5186  
① 1 416 978 3921

**Couturier Pierre**

Observ  
President  
61 av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 21 58  
① 33 1 43 54 18 04  
✉ pierre.couturier@obspm.fr

**Covington Arthur E**

15 Forest Dr  
Kingston ON K7L 4V1  
Canada  
☎ 1 613 549 1529

**Covino Elvira**

Osserv d Capodimonte  
Via Moiraiello 16  
I 80131 Napoli  
Italy  
☎ 39 08 155 75537  
① 39 08 145 6710  
✉ covino@astrna.na.astro.it

**Cowan John J**

Dpt Phys/Astronomy  
Univ Oklahoma  
Norman OK 73019  
USA  
☎ 1 405 325 3961  
① 1 405 325 7557

**Cowie Lennox Lauchlan**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 8566  
① 1 808 956 8312  
✉ cowie@uhifa.ifa.hawaii.edu

- Cowley Anne P**  
Dpt Astronomy / Physics  
Arizona State Univ  
Tempe AZ 85287 1504  
USA  
☎ 1 480 965 2919  
☎ 1 480 965 8011  
✉ anne.cowley@asu.edu
- Cowley Charles R**  
Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 313 764 3437  
☎ 1 313 764 2211
- Cowsik Ramanath**  
IIA  
Koramangala 2 Block  
Bangalore 560034  
India  
☎ 91 80 553 0583  
☎ 91 80 553 4019  
✉ cowsik@iiap.ernet.in
- Cox Arthur N**  
LANL  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 7648  
☎ 1 505 665 4055
- Cox Donald P**  
Astronomy Dpt  
Univ Wisconsin  
475 N Charter St  
Madison WI 53706 1582  
USA  
☎ 1 608 262 5916  
☎ 1 608 263 0361
- Cox Pierre**  
IAS  
Bt 121  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 85 8737/8513  
☎ 33 1 69 85 8675  
✉ cox@iaslab.ias.fr
- Coyne George V**  
Direttore della Specola  
Vaticana  
VA 00120 Citta del Vaticano  
Vatican City State  
☎ 39 06 698 3411  
☎ 39 06 698 84671  
✉ gcoyne@  
as.arizona.edu
- Crabtree Dennis**  
NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 388 0025  
☎ 1 250 363 0045  
✉ crabtree@dao.nrc.ca
- Craig Ian Jonathan D**  
Applied Maths Dpt  
Univ Waikato  
Private Bag  
Hamilton  
New Zealand  
☎ 64 62889
- Craig Nahide**  
Space Sci Laboratory  
Centennial Dr  
Grizzly Peak Blvd  
Berkeley CA 94720 7450  
USA  
☎ 1 510 643 7273  
☎ 1 510 643 5660  
✉ ncraig@  
ssl.berkeley.edu
- Craine Eric Richard**  
Western Res Co  
2127 E Speedway  
Suite 209  
Tucson AZ 85719  
USA  
☎ 1 520 325 4505  
☎ 1 520 327 1388  
✉ craine@noao.edu
- Cram Lawrence Edward**  
School Physics  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 9351 3183  
☎ 61 2 9351 7726  
✉ l.cram@  
physics.usyd.edu.au
- Cramer Neil F**  
School Physics  
UNSW  
Sydney NSW 2006  
Australia  
☎ 61 2 692 3162  
☎ 61 2 9660 2903  
✉ cramer@  
phycis.usyd.edu.au
- Cramer Noel**  
Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
☎ 41 22 755 3983  
✉ noel.cramer@  
obs.unige.ch
- Crampton David**  
NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 363 0010  
☎ 1 250 363 0045  
✉ david@  
crampton.hia.nrc.ca
- Crane Patrick C**  
Interferometrics Inc  
8928 Cottongrass St  
Waldorf MA 20603 4952  
USA  
☎ 1 202 404 1506  
☎ 1 202 767 5636  
✉ crane@  
susim.nrl.navy.mil
- Crane Philippe**  
Dartmouth College  
Dpt Physcis & Astron  
6127 Wilder Lab  
Hanover NH 03755- 3528  
USA  
☎ 1 603 646-2854  
☎ 1 603 646-1446  
✉ pcrane@hq.nasa.gov
- Crannell Carol Jo**  
NASA GSFC  
Code 682  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5007  
☎ 1 301 286 1617
- Crawford David L**  
NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8346  
☎ 1 520 318 8360  
✉ dcrawford@noao.edu
- Crawford Ian Andrew**  
Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050\*3498  
☎ 44 171 380 7145  
✉ iac@star.ucl.ac.uk
- Cremonese Gabriele**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3457  
☎ 39 049 875 9840  
✉ cremonese@pd.astro.it
- Crenshaw Daniel Michael**  
NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 0871  
☎ 1 301 286 1752
- Creze Michel**  
Univ Bretagne Sud  
1, rue de la Loi  
F 56000 Vannes  
France  
☎ 33 2 97 46 3145  
☎ 33 2 97 46 3176  
✉ creze@univ-ubs.fr
- Crifo Francoise**  
Observ  
DASGAL  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7834  
☎ 33 1 45 07 7878  
✉ francoise.crifo@  
obspm.fr



**Cristescu Cornelia G**

Astron Inst  
Romanian Acad Sci  
Cutitul de Argint 5  
RO 75212 Bucharest  
Romania  
☎ 40 1 641 3686  
📠 40 1 312 3391

**Cristiani Stefano**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
📠 39 049 875 9840

**Crivellari Lucio**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
📠 39 040 30 9418

**Crocker Deborah Ann**

Dpt Phys/Astronomy  
Univ Alabama  
Box 870324  
Tuscaloosa AL 35387 0324  
USA  
☎ 1 205 348 3758  
📠 1 205 348 5051  
✉ crock@kudzu.astr.ua.edu

**Croom David L**

Middle Ashbrook  
London Rd, Blewbury  
Oxon OX11 9 PF  
UK  
☎ 44 1235 851 247  
✉ david.croom@bigfoot.com

**Crotts Arlin Pink**

Astronomy Dpt  
Columbia Univ  
550 W 120th St  
New York NY 10027  
USA  
☎ 1 212 854 7899  
📠 1 212 854 8121  
✉ arlin@astro.columbia.edu

**Crovisier Jacques**

Observ  
ARPEGES  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7599  
📠 33 1 45 07 7939  
✉ crovisie@obspm.fr

**Crowther Paul**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050 \*3474  
📠 44 171 380 7145  
✉ pac@star.ucl.ac.uk

**Cruikshank Dale P**

NASA ARC  
MS 245 6  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 604 4244  
📠 1 415 604 6779  
✉ deruikshank@mail.arc.nasa.gov

**Cruise Adrian Michael**

Head, School Physics /  
Space Research  
Univ Birmingham  
Birmingham B15 2TT  
UK  
☎ 44 12 14 144 565  
📠 44 12 14 143 722  
✉ eamc@star.srbham.ac.uk

**Crutcher Richard M**

Dpt Astron/Physics  
Univ Illinois  
1011 W Springfield Av  
Urbana IL 61801  
USA  
☎ 1 217 333 9581  
📠 1 217 244 7638

**Cruvellier Paul E**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 10 7482  
📠 33 4 91 10 7484  
✉ Paul.Cruvellier@observatoire.cnrs-mrs.fr

**Cruzado Alicia**

FCAG  
Paseo del Bosque S/N  
La Plata 1900 (Bs A)  
Argentina  
☎ 54 221 423 6593  
📠 54 221 4213 6591  
✉acruzado@fcaglp.unlp.edu.ar

**Cruzalesbes Pierre**

OCA  
Dpt Fresnel  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 40 5329  
📠 33 4 93 40 5333  
✉cruzalesbes@obs-azur.fr

**Cruz-Gonzalez Irene**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📠 52 5 616 0653

**Cubarsi Rafael**

Dpt. Matematica Aplicada  
UPC  
Despatx 316 Campus Nord-  
Edif C3  
C Jordi Girona 1 3  
E 08034 Barcelona  
Spain  
☎ 34 93 401 6030  
✉rcubarsi@mat.upc.es

**Cudaback David D**

Radio Astronomy Lab  
Univ California  
601 Campbell Hall  
Berkeley CA 94720  
USA  
☎ 1 415 642 5724  
📠 1 415 642 6424  
✉cudaback@bkyast.berkeley.edu

**Cudworth Kyle McCabe**

Yerkes Observ  
Univ Chicago  
373 W. Geneva St.  
Williams Bay WI 53191  
USA  
☎ 1 262 245 5555  
📠 1 262 245 9805  
✉kmc@yerkes.uchicago.edu

**Cuevas Salvador C**

Inst Astronomia  
Apartado Postal 70-264  
Ciudad Universitaria  
Mexico DF CP 04510  
Mexico  
☎ 52 56 22 39 06  
📠 52 56 16 06 53  
✉chavoc@astroscu.unam.mx

**Cugier Henryk**

Astron Inst  
Wroclaw Univ  
Ul Kopernika 11  
PL 51 622 Wroclaw  
Poland  
☎ 48 71 372 9373/74  
📠 48 71 372 9378

**Cugnon Pierre**

Observ  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0276  
📠 32 2 374 9822  
✉ pierre.cugnon@oma.be

**Cugusi Leonino**

Dpt Scienze Fisiche  
Univ d Cagliari  
Via Ospedale 72  
I 09100 Cagliari  
Italy  
☎ 39 07 066 4770  
📠 39 07 072 5425

**Cui Douxing**

Changchun Artificial  
Satellite Observ  
Box 1067  
Changchun 130117  
China PR  
☎ 86 42859

**Cui Shizhu**

Beijing Planetarium  
138 Xi Wai St  
Beijing 100044  
China PR  
☎ 86 10 6831 0804  
📠 86 10 6835 3003/6524  
2246

**Cui Xiangqun**

Ctr for Astronomy  
Instrumen Res  
CAS  
Nanjing 210042  
China PR  
☎ 86 25 540 5562  
📠 86 25 540 5562  
✉ xcui@nairc.ac.cn

**Cui Zhenhua**

Beijing Planetarium  
138 Xi Wai St  
Beijing 100044  
China PR  
☎ 86 1 683 61691  
📠 86 10 683 53003  
✉ xcui@nairc.ac.cn

**Cuisinier Francois C**

Oserv do Valongo  
Univ Federal de Rio de  
Janeiro  
Ladeira do Pedro Antonio 43  
Rio de Janeiro RJ CEP  
20080-090  
Brazil  
☎ 55 21 263 0685  
📠 55 21 263 0685  
✉ cuisinie@  
sunl.ov.ufrj.br

**Culhane Leonard**

Mullard Space Science Lab  
Univ College London  
Holmbury St Mary  
Dorking Surrey RH5 6NT  
UK  
☎ 44 14 83 274 111  
📠 44 14 83 278 312  
✉ jlc@mssl.ulc.uk

**Cullum Martin**

ESO  
Karl Schwarzschildstr 2  
D 85740 Garching  
Germany  
☎ 49 893 200 60  
📠 49 893 202 362  
✉ mcullum@eso.org

**Culver Roger Bruce**

Dpt Physics  
Colorado State Univ  
Fort Collins CO 80523  
USA  
☎ 1 303 491 6206

**Cunha Katia**

Observ  
Rua GI Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7181  
📠 55 21 580 7181  
✉ katia@on.br

**Cunow Barbara**

Dpt de Mathematics  
Applied  
Mathematics/Astronomy  
Univ South Africa  
0003 Pretoria  
South Africa  
☎ 27 12 429 6612  
📠 27 12 429 6064  
✉ cunowbhl@unisa.ac.za

**Cuntz Manfred**

Dpt Physics  
Univ Texas at Arlington  
Arlington TX 76019  
USA  
☎ 1 817 272 2467  
📠 1 817 272 3637  
✉ cuntz@uta.edu

**Cuny Yvette J**

Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7838  
📠 33 1 45 07 7872  
✉ Yvette.Cuny@obspm.fr

**Cuperman Sami**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 42021/425 697  
📠 972 3 640 8179

**Curiel Salvador**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📠 52 5 616 0653  
✉ scuriel@  
astroscu.unam.mx

**Curir Anna**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9002  
📠 39 011 461 9030  
✉ curir@astto2.infn.it

**Currie Douglas G**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 89 3200 6544  
✉ dcurrie@eso.org

**Cusumano Giancarlo**

via Ugo la Malfa 153  
I 90146 Palermo  
Italy  
☎ 39 091 680 9479  
📠 39 091 688 2258  
✉ cusumano@  
ifcai.pa.cnr.it

**Cutispoto Giuseppe**

Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2111  
📠 39 095 33 0592  
✉ gcutispoto@  
alpha4.ct.astro.it

**Cuypers Jan**

Koninklijke Sterrenwacht  
van Belgie  
Ringlaan 3  
B 1180 Brussel  
Belgium  
☎ 32 2 373 0234  
📠 32 2 374 9822  
✉ jan.cuypers@oma.be

**Czerny Bozena**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
📠 48 22 8410 046  
✉ bcz@camk.edu.pl

**Czerny Michal**

Astronomy Dpt  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 1162 522 073  
📠 44 1132 522 200

**Czyzak Stanley J**

800 North Maple Av  
Fairborn OH 45324  
USA

## D

**da Costa Antonio A**  
Inst Superior Tecnico  
Compl Interdisciplinar  
Av Rovisco Pais  
P 1096 Lisboa Codex  
Portugal  
☎ 351 1 352 4303  
📠 351 1 352 4372

**Da Costa Gary Stewart**  
MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 49 0236  
📠 61 262 49 0233  
✉ gdc@mso.anu.edu.au

**da Costa Jose Marques**  
INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 22 9977  
📠 55 123 21 8743  
✉ dacosta@  
space.uaiverta.ca

**da Costa Luiz A.N.**  
Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7181  
📠 55 21 580 0332  
✉ lndc@lnccvm

**da Rocha Vieira E**  
R Sao Manoel 315/501  
90620 110 Porto Alegre RS  
Brazil  
✉ secret@ina.br

**da Silva A V C S**  
Observ  
Univ Coimbra  
Caixa Postal 147  
P 3002 Coimbra  
Portugal  
☎ 351 3 981 4947

**da Silva Licio**  
Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7313  
📠 55 21 580 0332

**Dachs Joachim**  
im Schoenblick 57  
D 72076 Tuebingen  
Germany

**Dadaev Aleksandr N**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
📠 7 812 315 1701

**Dadhich Naresh**  
IUCAA  
PO Box 4  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 212 351 414/5  
📠 91 212 350 760  
✉ root@iucaa.ernet.in

**Dadic Zarko**  
Zavod Za Povijest  
Znanosti Jazu  
Ante Kovacica 5  
HR 10000 Zagreb  
Croatia  
☎ 385 1 440 124

**Dagkesamansky Rustam D**  
Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia  
☎ 7 095 135 1429  
📠 7 095 135 7880

**Daglis Ioannis A**  
Inst Space  
Applications/Remote Sensing  
Nat Observartory Athens  
Metaxa & Vas Pavlou Str  
GR 15236 Penteli  
Greece  
☎ 30 1 6138 341  
📠 30 1 6138 343  
✉ daglis@space.noa.gr

**Dahn Conard Curtis**  
USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 520 779 5132  
📠 1 520 774 3626  
✉ cdahn@nofs.navy.mil

**Dai Zigao**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 321 5880  
📠 86 25 332 6467  
✉ poststd@nju.edu.cn

**Daigne Gerard**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
📠 33 5 56 40 4251  
✉ daigne@  
observ.u-bordeaux.fr

**Daintree Edward J**  
NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
📠 44 147 757 1618

**Daishido Tsuneaki**  
Dpt Sciencep  
Waseda Univ  
Shinjuku Ku  
Tokyo 160  
Japan  
☎ 81 220 34 141

**Dalgarno Alexander**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 4403  
📠 1 617 495 7356  
✉ dalgarno@cfa.edu

**Dallaporta N**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
📠 39 049 875 9840

**Dall'Oglio Giorgio**  
Dpt Fisica  
Univ d Roma  
PI A Moro 2  
I 00185 Roma  
Italy  
☎ 39 06 499 14271  
📠 39 06 495 7697

**Daltabuit Enrique**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📠 52 5 616 0653

**Daly Ruth Agnes**

Penn State Univ  
P.O. Box 7009  
Reading PA 19610 6009  
USA  
☎ 1 610 396 6273  
📠 1 610 396 6024  
✉ rdaly@psu.edu

**D'Amico Flavio**

INPE Astrophys Div  
Av dos Astronautas 1758  
Jardim d Granja  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 12 325 6745  
📠 55 12 325 6750  
✉ damico@das.inpe.br

**Damineli Neto Augusto**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
📠 55 11 276 3848  
✉ damineli@carina.iagusp.usp.br

**Damle S V**

TIFR  
Homi Bhabha Marg  
Navy Nagar Colaba  
Mumbai MH 400 085  
India  
☎ 91 22 215 2311  
📠 91 22 215 2110

**Dan Xhixiang**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618

**Danby J M Anthony**

Mathematics Dpt  
N Carolina State Univ  
Raleigh NC 27695 8205  
USA  
☎ 1 919 737 3210

**Danese Luigi**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
📠 39 049 875 9840

**Danezis Emmanuel**

Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414  
📠 30 1 723 5122

**Danford Stephen C**

Dpt Phys/Astronomy  
Univ N Carolina  
At Greensboro  
Greensboro NC 27412  
USA  
☎ 1 919 334 5669  
✉ danford@uncg.edu

**Daniel Jean-Yves**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8147  
📠 33 1 44 32 8001  
✉ daniel@iap.fr

**Danilov Vladimir M**

Astronomy Dpt  
Uralskij State Univ  
Lenin Pr 51  
629983 Sverdlovsk  
Russia  
☎ 7 343 222 3386  
📠 7 343 222 3386

**Danks Anthony C**

1315 Peachtree Ct  
Bowie MD 20721  
USA  
☎ 1 301 249 8206  
📠 1 301 286 1752

**Danly Laura**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4422  
📠 1 410 338 5090  
✉ danly@stsci.edu

**D'Antona Francesca**

Osserv Astronomico  
d Roma  
Via d osservatorio 5  
I 00040 Monteporzio  
Italy  
☎ 39 06 944 9019  
📠 39 06 944 7243

**Danziger I John**

Via A Diaz 16  
I 34121 Trieste  
Italy

**Dapergolas A**

Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 346 1191  
📠 30 1 804 0453  
✉ adaperg@astro.noa.gr

**Dappen Werner**

Dpt Phys/Astronomy  
USC  
Los Angeles CA 90089 1342  
USA  
☎ 1 213 740 1316  
📠 1 213 740 6653  
✉ wdappen@solar.stanford.edu

**Dara Helen**

Res Ctr Astronomy  
Acad Athens  
14 Anagnostopoulou St  
GR 106 73 Athens  
Greece  
☎ 30 1 361 3589  
📠 30 1 363 1606  
✉ exakazo@rathunl

**Das Mrinal Kanti**

Physics Dpt/Delhi Univ  
Sri Venkateswara College  
Dhaura Kuan  
New Delhi 110 021  
India

**Das P K**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585  
📠 91 80 553 4043

**Datlowe Dayton**

Lockheed Palo Alto Res Lb  
Dpt 91 20 Bg 255  
3251 Hanover St  
Palo Alto CA 94304 1191  
USA  
☎ 1 415 858 4074  
📠 1 415 424 3994

**Daube-Kurzemniece I A**

Radioastrophys Observ  
Latvian Acad Sci  
Turgeneva 19  
LV 226524 Riga  
Latvia  
☎ 371 722 6796

**Dauphole Bertrand**

Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 57 77 61 34  
📠 33 5 57 77 61 10  
✉ dauphole@observ.u-bordeaux.fr

**Dautcourt G**

MPI Gravitational Physik  
Albert Einstein Inst  
Schlaatzweg 1  
D 14473 Potsdam  
Germany  
☎ 49 331 275 3731  
📠 49 331 275 3798  
✉ daut@aei-potsdam.mpg.de

**David Laurence P**

CfA  
HCO/SAO MS 4  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7245  
📠 1 617 495 7356  
✉ david@cfa

**David Marc**

Astrophysics Res Gr  
Univ Ctr Antwerpen  
Groenenborgerlaan 171  
B 2020 Antwerpen  
Belgium  
☎ 32 3 218 0355  
☎ 32 3 218 0204  
✉ david@ruca.ua.ac.be

**Davidge Timothy J**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 363 0047  
☎ 1 250 363 6970  
✉ tim.davidge@  
hia.nrc.ca

**Davidson Arthur Falnes**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 7370  
☎ 1 410 516 8260  
✉ afd@pha.jhu.edu

**Davidson Kris**

School Phys/Astronomy  
Univ Minnesota  
116 Church St SE  
Minneapolis MN 55455  
USA  
☎ 1 612 373 7795  
☎ 1 612 624 2029  
✉ kd@aps2.spa.umn.edu

**Davidson William**

80 West Close  
Fernhurst Haslemere  
Surrey GU27 3JT  
UK

**Davies John K**

Joint Astronomy Ctr  
660 N A'Ohuku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 969 6524  
☎ 1 808 969 6516  
✉ J.davies@  
jach.hawaii.edu

**Davies Merton E**

The Rand Corp  
1700 Main St  
Santa Monica CA 90406  
USA  
☎ 1 310 393 0411\*7428  
☎ 1 310 451 6960  
✉ davies@  
hyrax.rand.org

**Davies Paul Charles W**

School Physics  
Univ Newcastle  
NewcastleTyne NE1 7RU  
UK  
☎ 44 191 222 7411  
☎ 44 191 261 1182

**Davies Rodney D**

NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 757 1321  
☎ 44 147 7571618  
✉ rdd@b.man.ac.uk

**Davies Roger L**

Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 163  
☎ 44 19 13 747 465  
✉ roger.davies@  
durham.ac.uk

**Davila Joseph**

4927 Pale Orchis Ct  
Columbia MD 21044  
USA  
☎ 1 301 286 8366

**Davis Donald R**

Planetary Science Inst  
620 N 6th Ave  
Tucson AZ 85705  
USA  
☎ 1 520 622 6300  
☎ 1 520 622 8060  
✉ drd@psi.edu

**Davis John**

School Physics  
Univ Sydney  
A28  
Sydney NSW 2006  
Australia  
☎ 61 2 692 2544  
☎ 61 2 660 2903  
✉ davis@  
physics.su.oz.au

**Davis Jonathan Ivor**

Dpt Phys/Astronomy  
Univ Wales College  
Box 913  
Cardiff CF1 3YB  
UK  
☎ 44 12 22 874 144  
☎ 44 12 22 874 056  
✉ jid@astro.cf.ac.uk

**Davis Marc**

Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA  
☎ 1 510 642 5156  
☎ 1 510 642 3411  
✉ marc@  
deep.berkeley.edu

**Davis Michael M**

Arecibo Observ  
Box 995  
Arecibo PR 00613  
USA  
☎ 1 809 878 2612  
☎ 1 809 878 1861  
✉ mdavis@naic.edu

**Davis Morris S**

Dpt Phys/Astronomy  
Univ North Carolina  
204 Phillips Hall 039a  
Chapel Hill NC 27514  
USA  
☎ 1 919 962 7214  
☎ 1 919 962 0480

**Davis Richard J**

NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
☎ 44 147 757 1618

**Davis Robert J**

CFA  
HCO/SAO MS 20  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7906  
☎ 1 617 495 7356  
✉ rdavis@  
cfa.harvard.edu

**Davis Sumner P**

Physics Dpt  
Univ California  
366 LeConte Hall  
Berkeley CA 94720  
USA  
☎ 1 415 642 4857  
☎ 1 510 642 3411

**Davis Jr Cecil G**

LANL  
Group P 23 H 803  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 3908  
☎ 1 505 665 4121  
✉ cgi@lanl.gov

**Davis Jr Leverett**

1772 N Grand Oaks Av  
Altadena CA 91001  
USA

**Davoust Emmanuel**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2868  
☎ 33 5 61 33 2840  
✉ davoust@obs-mip.fr

**Dawanas Djoni N**

Astronomy Dpt  
Bandung Insste Techn  
Jl Ganesha 10  
Bandung 40132  
Indonesia  
☎ 62 22 244 0252  
☎ 62 22 243 8338

**Dawe John Alan**

ANU  
SSO  
Private Bag  
Coonabarabran NSW 2857  
Australia  
☎ 61 68 426 221

**Dawson Bruce**

Dpt Physics/  
Math Physics  
Univ Adelaide  
Adelaide SA 5005  
Australia  
☎ 61 8 8303 5996  
① 61 8 8303 4380  
✉ bdawson@  
physics.adelaide.edu.au

**Dawson Peter**

Physics Dpt  
Trent Univ  
Peterborough K9J 1B8  
Canada  
☎ 1 705 748 1225  
✉ pdawson@trentu.ca

**de Almeida Amaury A**  
IAG

Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599\*38  
① 55 11 276 3848

**de Araujo Francisco X**

Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 0235  
① 55 21 580 0332  
✉ userfxa@lncc

**de Bergh Catherine**

Observ  
DESPA  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7666  
① 33 1 45 07 7971  
✉ debergh@obsppm.fr

**de Biase Giuseppe A**  
OAR

Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 347 056  
① 39 06 349 8236

**De Biasi Maria S**

FCAG  
Paseo del Bosque S/N  
La Plata 1900 (Bs As)  
Argentina  
☎ 54 221 423 6593  
① 54 221 4213 6591  
✉ debiasi@  
fcaglp.unlp.edu.ar

**de Boer Klaas Sjoerds**

Astronomisches Inst  
Univ Bonn  
auf d Huegel 71  
D 53121 Bonn  
Germany  
☎ 49 228 73 3656  
① 49 228 73 3672  
✉ kdeboer@  
astro.uni-bonn.de

**de Bruyn A Ger**

NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5257  
① 31 521 59 7332  
✉ ger@nfra.nl

**de Carvalho Reinaldo**

Observ Nacional  
DAF/MCT  
Rua Gal. Jose Cristino 77  
20921 400 Rio de Janeiro RJ  
Brazil  
☎ 55 021 580 7181  
① 55 021 580 0332  
✉ reinaldo@voyager.on.br

**de Castro Angel**

Observ  
Nacional  
Alfonso XII 3  
E 28014 Madrid  
Spain  
☎ 34 1 227 1935

**de Castro Elisa**

Dpt Astrofisica  
Fac Fisica  
Univ Complutense  
E 28040 Madrid  
Spain  
☎ 34 1 449 5316  
① 34 1 394 5195

**De Cuyper Jean-Pierre M**

Koninklijke Sterrenwacht  
van België  
Ringlaan 3  
B 1180 Brussel  
Belgium  
☎ 32 2 373 0222  
① 32 2 374 9822  
✉ Jean-Pierre.DeCuyper  
@oma.be

**de Felice Fernando**

Dpt Fisica G Galilei  
Univ d Padova  
Via Marzolo 8  
I 35131 Padova  
Italy  
☎ 39 049 84 4278  
① 39 049 844 245

**de Frees Douglas J**

IBM Almaden Res Cent  
Dpt K 84/801  
650 Harry Rd  
San Jose CA 95120 6099  
USA  
☎ 1 408 927 2854  
① 1 408 927 2100  
✉ defrees@almvma

**de Freitas Pacheco J A**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 21 717 3518  
① 55 11 276 3848

**de Geus Eugene**

Kluwer Academic Publishers  
Science/Technology Div  
Box 17  
NL 3300 AA Dordrecht  
Netherlands  
☎ 31 78 639 2315  
① 31 78 639 2254  
✉ eugene.degeus@wkap.nl

**de Gouveia Dal Pino E M**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
① 55 11 276 3848  
✉ dalpino@  
astro2.iagusp.usp.br

**de Graaff W**

Appelgaarde 117  
NL 3992 JD Houten  
Netherlands

**de Graauw Th**

SRON  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4074  
① 31 50 363 4033  
✉ thjisdg@srn.rug.nl

**de Greiff J Arias**

Observ  
Apdo 2584  
Bogota 1 DE  
Colombia  
☎ 57 1 342 3786  
① 57 1 342 3786  
✉ felicitas@fcaglp.edu.ar

**de Greve Jean-Pierre**

Astrysisch Inst  
Vrije Univ Brussel  
Pleinlaan 2  
B 1050 Brussel  
Belgium  
☎ 32 2 629 3498  
① 32 2 629 3424  
✉ jpdgreve@  
vnet3.vub.ac.be

**de Groot Mart**

Armagh Observ  
College Hill  
Armagh BT61 9DG  
UK  
☎ 44 18 61 522 928  
① 44 18 61 527 174

**de Groot T**

Sterrekundig Inst Utrecht  
Box 80000  
NL 3508 TA Utrecht  
Netherlands  
☎ 31 30 253 5200  
① 31 30 253 1601

**de Jager Cornelis**

SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5723  
① 31 30 254 0860  
✉ xmkeesj@hutruuo

**de Jager Gerhard**  
Electrical Eng Dpt  
Univ Cape Town  
Private Bag  
7700 Rondebosch  
South Africa  
☎ 27 21 650 2791  
📞 27 21 650 3465  
✉ gerhard@eleceng.uct.ac.za

**de Jager Ocker C**  
Physics Dpt  
Potchefstroom Univ  
for CHE  
2520 Potchefstroom  
South Africa  
☎ 27 148 299 2418  
📞 27 148 299 2421

**de Jong Teije**  
Astron Inst  
Univ Amsterdam  
Kruislaan 403  
NL 1098 SJ Amsterdam  
Netherlands  
☎ 31 20 525 7491  
📞 31 20 525 7484  
✉ teije@sron.rug.nl

**de Jonge J K**  
Astronomy Dpt  
Univ Pittsburgh  
Riverview Park  
Pittsburgh PA 15214  
USA  
☎ 1 215 898 8176  
📞 1 215 898 9336

**De Keyser Johan**  
Inst Space Aeronomy  
Ringlaan 3  
B 1180 Brussels  
Belgium  
☎ 32 2 373 0381  
📞 32 2 374 8423  
✉ johan.dekeyser@bira-iasb.oma.be

**de Kool Marthijn**  
MSSSO  
Private Bag  
Australian National Univ  
Weston Creeck ACT 2611  
Australia  
☎ 61 2 6249 0246  
📞 61 2 6249 0233  
✉ dekool@msso.anu.edu.au

**de Korte Pieter A J**  
SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5600  
📞 31 30 254 0860

**de Koter Alex**  
Astron Inst Anton Pannekoek  
Univ Amsterdam  
Kruislaan 403  
NL 1098 SJ Amsterdam  
Netherlands  
☎ 31 20 5257 491  
📞 31 20 5257 484  
✉ dekoter@astro.uva.nl

**de La Herran Jose V**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📞 52 5 616 0653

**de la Noe Jerome**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
📞 33 5 56 40 4251

**de la Reza Ramiro**  
Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7313  
📞 55 21 580 0332

**de Lapparent-Gurriet Valerie**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8188  
📞 33 1 44 32 8001  
✉ lapparen@iap.fr

**de Laverny Patrick**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3107  
📞 33 4 92 00 3033  
✉ laverny@obs-nice.fr

**de Loore Camiel**  
Astrysisch Inst  
Vrije Univ Brussel  
Pleinlaan 2  
B 1050 Brussel  
Belgium  
☎ 32 2 629 3497  
📞 32 2 629 3424

**De Marco Orsola**  
Dpt Astrophyscis  
American Museum Natural  
History  
Central Park West 79th St  
New York NY 10024  
USA  
☎ 1 212 496 3444  
📞 1 212 769 5007  
✉ orsola@amnh.org

**de Martino Domitilla**  
Osserv d Capodimonte  
Via Moiariello 16  
I 80131 Napoli  
Italy  
☎ 39 08 155 75111  
📞 39 08 145 6710  
✉ demartino@astrna.na.astro.it

**de Medeiros Jose Renan**  
Dpt Fisica/CCE/UFRN  
Univ Federal  
Do Rio Grande d Norte  
59072 970 Natal RN  
Brazil  
☎ 55 84 231 9586  
📞 55 84 231 9749  
✉ renan@dfe.ufrn.br

**de Pater Imke**  
Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA  
☎ 1 415 642 1947  
📞 1 510 642 3411

**De Robertis Michael M**  
Dpt Physics/Astronomy  
York Univ  
4700 Keele St  
Toronto ON M3J 1P3  
Canada  
☎ 1 416 736 2100\*77761  
📞 1 416 736 5516  
✉ mmdr@yorku.ca

**de Rop Yves**  
Inst Astrophysique  
Universite Liege  
Av Coitee 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
📞 32 4 254 7511  
✉ derop@astro.ulg.ac.be

**de Ruiter Hans Rudolf**  
Osserv Astronom  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 630 5700  
📞 39 051 630 5742  
✉ deruiter@kennet.bo.astro.it

**de Sabbata Vittorio**  
Istt d Fisica  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 260 991\*051

**de Sanctis Giovanni**  
Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9000  
📞 39 011 461 9030

**De Sanctis M Cristina**  
IAS CNR  
CNR ARTOV  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 4993 4444  
📞 39 06 2066 0188  
✉ cristina@ias.rm.cnr.it

**de Silva L N K**  
Chinthana Parshadaya  
109/1 Railway Avenue  
Maharagama  
Sri Lanka  
☎ 94 1 850 983  
① 94 1 850 983  
✉ nailin.d@itmin.com

**de Souza Ronaldo**  
IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
① 55 11 276 3848

**de Vegt Chr**  
Hamburger Sternwarte  
Univ Hamburg  
Gojenbergsweg 112  
D 21029 Hamburg  
Germany  
☎ 49 40 42891 4128\*4112  
① 49 40 42891 4198  
✉ cdevegt@  
hs.uni-hamburg.de

**de Vicente Pablo**  
Observ  
Nacional  
Apt 1143  
E 28800 Alcalá d Henares  
Spain  
☎ 34 1 885 5060  
① 34 1 885 5062  
✉ vicente@cay.oan.es

**de Vincenzi Donald**  
NASA ARC  
MS 245 1  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 604 5028  
① 1 415 604 6779

**de Vries Cornelis**  
SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5600  
① 31 30 254 0860  
✉ C.deVries@sron.ruu.nl

**de Young David S**  
NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
① 1 520 318 8360  
✉ deyoung@noao.edu

**de Zeeuw Pieter T**  
Leiden Observ  
Niels Bohrweg 2  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5879  
① 31 71 527 5743  
✉ tim@  
strw.leidenuniv.nl

**de Zotti Gianfranco**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3444  
① 39 049 875 9840  
✉ dezotti@pd.astro.it

**Dearborn David Paul K**  
LLNL  
L 22  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 423 0666  
① 1 415 423 0238  
✉ ddearborn@llnl.gov

**Debarbat Suzanne V**  
Observ  
DAN  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2209  
① 33 1 40 51 2347  
✉ debarbat@  
danof.obspm.fr

**Debehogne Henri Sc**  
Observ Royal  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0212  
① 32 2 374 9822  
✉ henri.debehogne@  
oma.be

**Debrunner Hermann**  
Physikalisches Inst  
Univ Bern  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 654 051

**Decourchelle Anne C**  
Service Astrophysique  
CEA Saclay  
L'Orme des Merisiers, Bat  
709  
F 91191 Gif/Yvette  
France  
☎ 33 1 69 08 4384  
① 33 1 69 08 65 77  
✉ adecourchelle@cea.fr

**Deeming Terence J**  
Icarus Res  
Box 540205  
Houston TX 77254  
USA  
☎ 1 713 772 8414

**Defraigne Pascale**  
Observ  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0260  
① 32 2 374 9822  
✉ pascale.defraigne@  
oma.be

**Degaonkar S S**  
PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
① 91 272 44 5292

**Degenhardt Detlev**  
Rechenzentrum Univ  
Hermann Herder Str 10  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 203 4648  
① 49 761 203 4643  
✉ degenhar@ruf.de

**DeGioia-Eastwood  
Kathleen**  
Dpt Phys/Astronomy  
N Arizona Univ  
Box 6010  
Flagstaff AZ 86011 6010  
USA  
☎ 1 520 523 7159  
① 1 520 523 1371  
✉ Kathy.Eastwood@  
nau.edu

**Deguchi Shuji**  
Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan  
☎ 81 267 98 2831  
① 81 267 98 2884

**Dehant Veronique**  
Observ  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0266  
① 32 2 374 9822  
✉ veronique.dehant@  
oma.be

**Deharveng Jean-Michel**  
LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5900  
① 33 4 91 66 1855  
✉ Jean-Michel.  
Deharveng@astrsp-mrs.fr

**Deharveng Lise**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4122  
① 33 4 91 62 1190  
✉ deharveng@  
observatoire.cnrs-mrs.fr



**Dehghani Mohammad Hossein**

Physics Dpt  
Shiraz 71454  
Iran  
☎ 98 71 24609  
① 98 71 20 027  
✉ dehghani@  
physics.sci.shirazu.ac.ir

**Deinzer W**

Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany  
☎ 49 551 395 044  
① 49 551 395 043

**Deiss Bruno M**

Physikalischer Verein  
Robert Mayer Str 2 - 4  
D 60054 Frankfurt a Main  
Germany  
☎ 49 69 798 28630  
① 49 69 798 1342  
✉ deiss@  
physikalischer-verein.de

**Dejaiffe Rene J**

Observ  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0232  
① 32 2 374 9822  
✉ rdj@astro.oma.be

**Dejonghe Herwig Bert**

Sterrekundig Observ  
Universiteit Gent  
Krijgslaan 281 S9  
B 9000 Gent  
Belgium  
☎ 32 92 64 4761  
① 32 92 64 4989  
✉ herwig.dejonghe@  
rug.ac.be

**Dekel Avishai**

Physics inst  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel  
☎ 972 2 658 4550  
① 972 2 561 1519  
✉ dekel@astro.huji.ac.il

**Dekker E**

Meidoornlaan 13  
NL 3461 ES Linschoten  
Netherlands  
☎ 31 34 801 5406

**Del Olmo Orozco A**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 812 1311  
① 34 5 881 4530  
✉ chony@iaa.es

**Del Rio Gerardo**

Observ  
Nacional  
Alfonso XII 3  
E 28014 Madrid  
Spain  
☎ 34 1 227 0107/1935

**Del Toro Iniesta Jose Carlos**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 95 812 1311  
① 34 95 814 530  
✉ jti@iaa.es

**Delaboudiniere Jean-Pierre**

IAS  
Bt 121  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 85 8625/8425  
① 33 1 69 85 8675

**Delannoy Jean**

IRAM  
300 r La Piscine  
F 38406 S Martin Heres Cdx  
France  
☎ 33 4 76 42 3383  
① 33 4 76 51 5938

**Delbouille Luc**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
① 32 4 254 7511  
✉ delbouil@  
astro.ulg.ac.be

**Delgado Antonio Jesus**

Inst Astrofisica  
Apt 3004  
Camino Bajo de Hueter 24  
E 18080 Granada  
Spain  
☎ 34 5 812 1311  
① 34 5 881 4530  
✉ delgado@iaa.es

**Deliyannis Constantine P**

Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405 4201  
USA  
☎ 1 812 856 5197  
① 1 812 855 8725  
✉ con@  
athena.astro.indiana.edu

**Deliyannis Jean**

Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 723 7924  
① 30 1 723 8413  
✉ jdeligia@  
atlas.uoa.ariadne-t.gr

**Della Ceca Roberto**

Osserv Astronomico  
d Brera  
Via Brera 28  
I 20121 Milano  
Italy  
☎ 39 02 7232 0333  
① 39 02 720 01600  
✉ rdc@brera.mi.astro.it

**Della Valle Massimo**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
① 39 049 875 9840

**Dell'Antonio P Ian**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726  
USA  
☎ 1 520 318 8175  
① 1 520 318 8360  
✉ ian@noao.edu

**Delmas Christian**

OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 40 5353  
① 33 4 93 40 5333  
✉ christian.delmas@  
obs-azur.fr

**Delsemme Armand H**

Dpt Phys/Astronomy  
Univ Toledo  
2801 W BancrBoxt St  
Toledo OH 43606  
USA  
☎ 1 419 537 2654  
① 1 419 530 2723

**Demarque Pierre**

Astronomy Dpt  
Yale Univ  
Box 208101  
New Haven CT 06520 8101  
USA  
☎ 1 203 432 3024  
① 1 203 432 5048  
✉ demarque@yalastro

**Demers Serge**

Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 2364  
① 1 514 343 2071  
✉ demers@  
astro.umontreal.ca

**Demianski Marek**

Inst Theor Physics  
Warsaw Univ  
Hoza 69  
PL 00 681 Warsaw  
Poland  
☎ 48 22 628 3031\* 245  
✉ mde@fuw.edu.pl

**Deming Leo Drake**

NASA GSFC  
Code 693  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6519  
① 1 301 286 3271

**Demircan Osman**

Canakkale 18 Mart Univ  
Fen-Edebiyat Fakultesi  
Fizik Bolumu  
17100 Canakkale  
Turkey  
☎ 90 286 212 8816  
① 90 286 212 8815  
✉ demircan@  
comu.edu.tr

**Demoulin Pascal**

Observ  
DASOP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7816  
① 33 1 45 07 7959  
✉ demoulin@obspm.fr

**Dempsey Robert C**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 1334  
① 1 410 338 4767  
✉ Dempsey@stsci.edu

**Deng Li-Cai**

Beijing Astron Observ  
CAS  
Chaoyang District  
Beijing 100012  
China PR  
☎ 86 10 6485 1720  
① 86 10 6488 8731  
✉ licai@  
vega.bac.pku.edu.cn

**Deng Yuan-Yong**

Beijing Astron Observ  
CAS  
Chaoyang District  
Beijing 100012  
China PR  
☎ 86 10 6488 8769  
① 86 10 6488 8716  
✉ dy@class1.bao.ac.cn

**Deng Zagan**

Graduate School  
Univ Sci/Techn  
Box 3908  
Beijing 100039  
China PR  
☎ 86 10 625 43176  
① 10 682 10501  
✉ dzg@  
vega.bac.pku.edu.cn

**Denis Carlo**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510 -  
① 32 4 254 7511  
✉ denis@astro.ulg.ac.be

**Denishchik Yurii**

State Institute  
12 Naberezhnaya St  
B 114043  
349114 Alchevsk Lugansk  
Ukraine  
☎ 380 6442 23159  
① 380 6442 22057  
✉ orion@dgmi.lugansk.ua

**Denisse Jean-Francois**

48 r Mr Le Prince  
F 75006 Paris  
France  
☎ 33 1 43 29 4874

**Denissenkov Pavel**

Astron Inst St Petersburg  
St Petersburg Univ  
Bibliotechnaya Pl 2  
198504 St Petersburg  
Russia  
☎ 7 812 428 7129  
① 7 812 428 7129  
✉ dpa@ursa.astro.spbu.ru

**Denisyuk Edvard K**

Astrophys Inst  
Kazakh Acad Sci  
480068 Alma Ata  
Kazakstan  
☎ 7 62 4040

**Denizman Levent**

Physics Dpt  
Univ Istanbul  
Univ 34452  
34454 Istanbul  
Turkey  
☎ 90 212 522 3597  
① 90 212 519 0884  
✉ ik131@trium11

**Dennefeld Michel**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8000  
① 33 1 44 32 8001  
✉ dennefeld@iap.fr

**Dennis Brian Roy**

NASA GSFC  
Code 682 2  
Greenbelt MD 20771  
USA  
☎ 1 301 286 7983  
① 1 301 286 1617  
✉ Brian.r.dennis@  
gsfc.nasa.gov

**Dennison Edwin W**

985 Cynthia Av  
Pasadena CA 91107  
USA  
☎ 1 818 351 8751

**Dennison P A**

Trinity Hall  
Univ Cambridge  
Cambridge CB3  
UK

**Dent William A**

Dpt Phys/Astronomy  
Univ Massachusetts  
GRC B  
Amherst MA 01003  
USA  
☎ 1 413 545 3665

**Deprit Andre**

NBS  
Applied Math Ctr  
Gaithersburg MD 20899  
USA  
☎ 1 301 921 2631  
✉ deprit@enh.nist.gov

**Dere Kenneth Paul**

NRL  
Code 4163  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 2517

**Derman I Ethem**

Astronomy Dpt  
Univ Ankara  
Fen Fakultesi  
06100 Besevler  
Turkey  
☎ 90 312 223 6550/0109  
① 90 312 223 2395

**Dermer Charles Dennison**

NRL  
EO Holburt Ctr Space Sci  
Code 7653  
Washington DC 20375 5352  
USA  
☎ 1 202 767 2965  
① 1 202 767 6473  
✉ dermer@  
osse.nrl.navy.mil

**Dermott Stanley F**

Astronomy Dpt  
Univ Florida  
224 SSRB  
Gainesville FL 32611  
USA  
☎ 1 352 392 2361  
① 1 352 392 9605  
✉ dermott@  
jupiter.astro.ufl.edu

**Desai Jyotindra N**

PRL  
Navrangpura  
Room 763  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
① 91 272 44 5292

**Descamps Pascal**  
 IMCCE  
 77 av Denfert-Rochereau  
 F 75014 Paris  
 France  
 ☎ 33 1 40 51 2264  
 ☎ 33 1 46 33 2834  
 ✉ descamps@bdl.fr

**Desesquelles Jean**  
 Universite Lyon 1  
 Campus La Doua  
 43 bd 11 novembre  
 F 69621 Villeurbanne  
 France  
 ☎ 33 4 78 89 8124

**Deshpande Avinash RRI**  
 Sadashivanagar  
 CV Raman Av  
 Bangalore 560 080  
 India  
 ☎ 91 80 334 0122  
 ☎ 91 80 334 0492  
 ✉ desh@rri.ernet.in

**Deshpande M R**  
 PRL  
 Navrangpura  
 Ahmedabad 380 009  
 India  
 ☎ 91 272 46 2129  
 ☎ 91 272 44 5292  
 ✉ mrd@prl.ernet.in

**Despain Keith Howard**  
 LANL  
 MS B220 X 2  
 Box 1663  
 Los Alamos NM 87545 2345  
 USA  
 ☎ 1 505 667 2388  
 ☎ 1 505 665 4055

**Despois Didier**  
 Observ  
 BP 89  
 F 33270 Floirac  
 France  
 ☎ 33 5 56 86 4330  
 ☎ 33 5 56 40 4251  
 ✉ despois@  
 observ.u-bordeaux.fr

**Dettmar Ralf-Juergen**  
 Astronomisches Inst  
 Ruhr Univ Bochum  
 Postfach 102148  
 D 44780 Bochum  
 Germany  
 ☎ 49 234 322 3454  
 ☎ 49 234 321 4169  
 ✉ dettmar@  
 astro.ruhr-uni-bochum.de

**Deubner Franz-Ludwig**  
 Astronomisches Inst  
 Univ Wuerzburg  
 am Hubland  
 D 97074 Wuerzburg  
 Germany  
 ☎ 49 931 888 5030  
 ☎ 49 931 888 4603  
 ✉ deubner@  
 astro.uni-wuerzburg.de

**Deul Erik**  
 Leiden Observ  
 Box 9513  
 NL 2300 RA Leiden  
 Netherlands  
 ☎ 31 71 527 5880  
 ☎ 31 71 527 5819

**Deupree Robert G**  
 LANL  
 MS F665 Ess 5  
 Box 1663  
 Los Alamos NM 87545 2345  
 USA  
 ☎ 1 505 667 8215  
 ☎ 1 505 665 4055

**Deutschman William A**  
 Oregon Laser Consultants  
 455 Hillside Av  
 Klamath Falls OR 97601  
 USA  
 ☎ 1 503 882 3295

**Devinney Edward J**  
 100 Union Av  
 Delanco NJ 08075  
 USA  
 ☎ 1 609 764 1250

**Devorkin David H**  
 Ntl Air/Space Museum  
 Smithsonian Inst  
 Room 3530  
 Washington DC 20560  
 USA  
 ☎ 1 202 357 2828  
 ✉ nasdsh03@sivm.si.edu

**Devyatkin Alexander V**  
 Pulkovo Observ  
 Acad Sciences  
 10 Kutuzov Quay  
 196140 St Petersburg  
 Russia  
 ☎ 7 812 123 4371  
 ☎ 7 812 123 1922  
 ✉ adev@goa.spb.ru

**Dewdney Peter E F**  
 DRAO  
 NRCC/HIA  
 Box 248  
 Penticton BC V2A 6K3  
 Canada  
 ☎ 1 250 493 2277  
 ☎ 1 250 493 7767

**Dewey Rachel J**  
 Physics Dpt  
 Princeton Univ  
 Jadwin Hall  
 Princeton NJ 08544 1001  
 USA  
 ☎ 1 609 258 4365  
 ☎ 1 609 258 6853  
 ✉ rachel@  
 pulsar.princeton.edu

**Dewhirst David W**  
 Inst Astronomy  
 The Observatories  
 Madingley Rd  
 Cambridge CB3 0HA  
 UK  
 ☎ 44 12 23 337 548  
 ☎ 44 12 23 337 523

**Dewi Jasinta Dini Maria**  
 Astron Inst Anton Pannekoek  
 Univ Amsterdam  
 Kruislaan 403  
 NL 1098 SJ Amsterdam  
 Netherlands  
 ☎ 31 20 525 7491  
 ☎ 31 20 525 7484  
 ✉ jasinta@astro.uva.nl

**Dewitt Bryce S**  
 Dpt Physics  
 Univ Texas  
 MC C1600  
 Austin TX 78712  
 USA  
 ☎ 1 512 471 5055  
 ☎ 1 512 471 6016  
 ✉ dewitt@  
 physics.utexas.edu

**Dewitt-Morette Cecile Pr**  
 Physics Dpt  
 Univ Texas  
 Rlm 15 308  
 Austin TX 78712 1083  
 USA  
 ☎ 1 512 471 1052  
 ☎ 1 512 471 6016

**Dezso Lorant**  
 Debrecen Heliophys Observ  
 Acad Sciences  
 Box 30  
 HU 4010 Budapest  
 Hungary  
 ☎ 36 5 231 1015

**Dhawan Vivek**  
 NRAO  
 Box 0  
 Socorro NM 87801 0387  
 USA  
 ☎ 1 505 835 7378  
 ☎ 1 505 835 7027  
 ✉ vdhawan@nrao.edu

**d'Hendecourt Louis**  
 IAS  
 Bt 121  
 Universite Paris XI  
 F 91405 Orsay Cdx  
 France  
 ☎ 33 1 69 85 8640  
 ☎ 33 1 69 85 8675  
 ✉ ldh@ias.fr

**Dhillon Vikram Singh**  
 Physics Dpt  
 The University  
 Sheffield S3 7Rh  
 UK  
 ☎ 44 1142 224 528  
 ☎ 44 1142 728 079  
 ✉ vik.Dhillon@  
 sheffield.ac.uk

**Dhurandhar Sanjeev**  
 IUCAA  
 PO Box 4  
 Ganeshkhind  
 Pune 411 007  
 India  
 ☎ 91 212 351 414/5  
 ☎ 91 212 350 760  
 ✉ sdh@iucac.ernet.in

**Di Xiaohua**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 37609  
① 86 25 301 459

**Di Cocco Guido**

TeSRE  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 8665  
① 39 051 639 8724

**Di Fazio Alberto**

OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 347 056  
① 39 06 349 8236  
✉ difazio@oarhp1.rm.astro.it

**Di Martino Mario**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9000  
① 39 011 461 9030

**Di Tullio Graziella**

Osserv Astronom  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
① 39 049 875 9840

**Dialetis Dimitris**

Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 346 1191  
① 30 1 346 4566

**Diamond Philip John**

Merlin/VLBI Ntl Facility  
NRAO  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 757 2625  
① 44 147 757 1618  
✉ pdiamond@jb.man.ac.uk

**Diaz Angeles Isabel**

Dpt Fisica Teorica  
Modulo C-x1  
Univ Madrid Canto Blanco  
E 28049 Madrid  
Spain  
☎ 34 91 397 5569  
① 34 91 397 3936  
✉ angeles@astro1.ft.uam.es

**Diaz Marcos P**

IAG/USP  
Univ de Sao Paulo  
av Miguel Stephano 4200  
Sao Paulo SP 04301-904  
Brazil  
☎ 55 11 577 8599  
① 55 11 577 0270  
✉ marcos@iagusp.usp.br

**Dick Steven J**

USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 0379  
① 1 202 762 1489  
✉ dick.steve@usno.navy.mil

**Dick Wolfgang**

Bund Kartograp/Geodesy  
Aussenstelle Potsdam  
Postfach 60 08 08  
D 14408 Potsdam  
Germany  
☎ 49 331 316 618  
① 49 331 316 602  
✉ wdi@potsdam.ifag.de

**Dickel Helene R**

Astronomy Dpt  
Univ Illinois  
103 UI Astron Bldg  
Urbana IL 61801  
USA  
☎ 1 217 244 7044  
① 1 217 244 7638  
✉ lanie@astro.uiuc.edu

**Dickel John R**

Astronomy Dpt  
Univ Illinois  
103 UI Astron Bldg  
Urbana IL 61801  
USA  
☎ 1 217 333 5532  
① 1 217 244 7638  
✉ johnd@astro.uiuc.edu

**Dickens Robert J**

Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 821 900  
① 44 12 35 445 808

**Dickey Jean O'Brien**

CALTECH/JPL  
MS 138 208  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 3235  
① 1 818 393 6980  
✉ jod@logos.jpl.nasa.gov

**Dickey John M**

School Phys/Astronomy  
Univ Minnesota  
116 Church St SE  
Minneapolis MN 55455  
USA  
☎ 1 612 624 2895  
① 1 612 624 2029  
✉ john@astro1.ft.umn.edu

**Dickinson Dale F**

Lockheed Palo Alto Res Lb  
Dpt 92 20 Bg 205  
3251 Hanover St  
Palo Alto CA 94304 1191  
USA  
☎ 1 415 424 2701  
① 1 415 424 3994

**Dickman Robert L**

NSF  
Div Astron Sci  
4201 Wilson Blvd  
Arlington VA 22230  
USA  
☎ 1 703 306 1822  
① 1 703 306 0525  
✉ rdickman@nsf.gov

**Dickman Steven R**

Dpt Geological Sci  
State Univ New York  
Binghamton NY 13901  
USA  
☎ 1 607 777 4378  
① 1 607 777 2288  
✉ dickman@binghamton.edu

**Didkovsky Leonid**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71115  
① 380 6554 40704  
✉ didkovsky@crao.crimea.ua

**Diego Francisco**

Dpt Phys/Astronomy  
UCLLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 7419 3512  
① 44 171 7380 7153  
✉ fd@star.ucl.ac.uk

**Dierksen Geerd H F**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 00  
① 49 893 299 3235

**Dieter Conklin Nannielou H**

Clay Rd  
N Theford VT 05054  
USA  
☎ 1 802 333 4079  
✉ nan.conklin@valley.net

**Diethelm Roger**

Astronomisches Inst  
Univ Basel  
Rennweg 1  
CH 4118 Rodersdorf  
Switzerland  
☎ 41 61 731 2687  
① 41 61 205 5455  
✉ diethelm@astro.unibas.ch

**Dietrich Matthias**  
Astronomy Dpt  
Univ Florida  
211 Bryant Space Science  
Center  
Gainesville FL 23611 2055  
USA  
☎ 1 352 392 8362  
☎ 1 352 392 5089  
✉ dietric@astro.ufl.edu

**Digel Seth William**  
NASA GSFC  
Code 660 1  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8709  
☎ 1 301 286 1681  
✉ digel@gssc.nasa.gov

**Dikova Smiliana D**  
Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
☎ 359 2 75 5019  
✉ dikova@astro.bas.bg

**Dimitrijevic Milan**  
Astron Observ  
Volgina 7  
11160 Beograd  
Yugoslavia FR  
☎ 381 1 141 9357/421 875  
☎ 381 1 141 9553  
✉ mdimitrijevic@  
aob.bg.ac.yu

**Dinerstein Harriet L**  
Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 3449  
☎ 1 512 471 6016

**Ding Mingde**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210008  
China PR  
☎ 86 25 663 7551 2882  
☎ 86 25 330 2728

**Ding Youji**  
Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
☎ 86 871 717 1845

**Dinh Van M**  
Inst Physics  
PO Box 429  
BO 40  
Hanoi 10000  
Vietnam  
✉ TRHIEU@  
bdvn.vnmail.vnd.net

**Dintinjana Bojan**  
Astron Observ  
Univ E Kardelj  
Jadranska 19  
Ljubljana  
Slovenia  
☎ 386 61 265 061  
☎ 386 61 217 281  
✉ bojan.dintinjana@  
uni-lj.ac.mai

**Dinulescu Simona**  
Calea 13 Sept 126  
Bl P34 Sc L Et 3 Apt 11  
RO 76125 Bucharest  
Romania

**Dionysiou Demetrios**  
Hellenic AF Academy  
Dekelia Attica  
18 Amassias Str  
GR 116 34 Athens  
Greece  
☎ 30 1 723 8436

**Disney Michael J**  
Physics Dpt  
Univ Wales College  
Box 913  
Cardiff CF1 3TH  
UK  
☎ 44 12 22 874 785  
☎ 44 12 22 371 921

**Divan Lucienne**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8000  
☎ 33 1 44 32 8001

**Diver Declan Andrew**  
Dpt Phys/Astronomy  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855  
☎ 44 14 13 305 183  
✉ diver@astro.gla.ac.uk

**Dixon Robert S**  
Radio Observ  
Ohio State Univ  
2015 Neil Av  
Columbus OH 43210  
USA  
☎ 1 614 422 6789  
✉ Bob\_Dixon@osu.edu

**Dizer Muammer**  
Kandilli Observ  
Bogazici Univ  
Cengelkoy  
81220 Istanbul  
Turkey  
☎ 90 1 332 0277

**Djamiluddin Thomas**  
LAPAN  
Jl Dr Djundjungan 133  
Bandung 40173  
Indonesia  
☎ 62 22 601 2602  
☎ 62 22 601 4998  
✉ t\_djamil@lapan.go.id

**Djorgovski Stanislav**  
CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA

☎ 1 818 356 4415  
☎ 1 818 568 9352  
✉ george@  
deimos.caltech.edu

**Djurasevic Gojko**  
Astron Observ  
Volgina 7  
11160 Beograd  
Yugoslavia FR  
☎ 381 1 141 9357  
☎ 381 1 141 9553  
✉ gdjurasevic@  
aob.bg.ac.yu

**Djurovic Dragutin M**  
Astronomy Dpt  
Univ Belgrade  
Studentski Trg 16  
11000 Beograd  
Yugoslavia FR  
☎ 381 1 163 8715  
☎ 381 1 163 0151  
✉ dragutin@  
matf.bg.ac.yu

**Dlugach Zhanna M**  
Main Astron Observ  
Ukrainian Acad Science  
Golostiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 4761  
☎ 380 44 266 4761  
✉ dl@mao.kiev.ua

**Dluzhnevskaya Olga B**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 951 2735  
☎ 7 095 230 2081  
✉ olgad@inasan.rssi.ru  
✉ olgad@astro.free.net

**Doazan Vera**  
Observ  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2235  
☎ 33 40 51 2232

**Dobashi Kazuhito**  
Astronomy/Earth Sciences  
Tokyo Gakugei Univ  
Koganei  
Tokyo 184 8501  
Japan  
☎ 81 42 329 7535  
☎ 81 42 329 7538  
✉ dobashi@  
u-gakugei.ac.jp

**Dobrzycki Jerzy**  
History Science  
Polish Acad Sci  
Gwiaździsta 27/169  
PL 01 814 Warsaw  
Poland  
☎ 48 22 33 2203

**Doboco Jose A Durantez**  
 Observ  
 Ramon Maria Aller  
 Avd de Las Ciencias S/n  
 E Santiago de Compostela  
 Spain  
 ☎ 34 8 159 2747  
 ☎ 34 8 156 2569  
 ✉ oadoco@usc.es

**Dodd Richard J**  
 Carter Observ  
 Ntl Observ New Zealand  
 Box 2909  
 Wellington 1  
 New Zealand  
 ☎ 64 4 47 28 167  
 ☎ 64 4 47 28 320

**Dodonov Serguej**  
 SAO  
 Acad Sciences  
 Nizhnij Arkhyz  
 357147 Karachaevov  
 Russia  
 ☎ 7 878 784 6223  
 ☎ 7 96 908 2861  
 ✉ dodo@sao.ru

**d'Odorico Sandro**  
 ESO  
 Karl Schwarzschildstr 2  
 D 85748 Garching  
 Germany  
 ☎ 49 893 200 6239  
 ☎ 49 893 200 6480  
 ✉ sdodoric@eso.org

**Dogan Nadir**  
 Astronomy Dpt  
 Univ Ankara  
 Fen Fakultesi  
 06100 Besevler  
 Turkey  
 ☎ 90 41 216 6720  
 ☎ 90 312 223 2395

**Doherty Lorne H**  
 108 1900 Marquia Av  
 Gloucester ONT K1J 8J2  
 Canada

**Doherty Lowell R**  
 1883 Forest Circle  
 Santa Fe NM 87505 4506  
 USA

**Dohlen Kjetil**  
 Observ  
 2 Pl Le Verrier  
 F 13248 Marseille Cdx 04  
 France  
 ☎ 33 4 95 04 41 24  
 ☎ 33 4 91 62 1190  
 ✉ dohlen@  
 observatoire.cnrs-mrs.fr

**Doi Mamoru**  
 Astronomy Dpt  
 Univ Tokyo  
 7 3 1 Hongo Bunkyo-ku  
 Tokyo 113  
 Japan  
 ☎ 81 358 41 8056  
 ☎ 81 358 41 7644  
 ✉ doi@  
 astron.s.u-tokyo.ac.jp

**Dokuchaev Vyacheslav I**  
 Inst Nuclear Res  
 Acad Sciences  
 60th Aniv Oct Pspst 7a  
 117312 Moscow  
 Russia  
 ☎ 7 095 938 1738  
 ☎ 7 095 938 5225  
 ✉ dokuchaev@  
 inr.npd.ac.ru

**Dokuchaeva Olga D**  
 SAI  
 Acad Sciences  
 Universitetskij Pr 13  
 119899 Moscow  
 Russia  
 ☎ 7 095 939 2858  
 ☎ 7 095 939 0126

**Dolan Joseph F**  
 NASA GSFC  
 Code 681  
 Greenbelt MD 20771  
 USA  
 ☎ 1 301 286 5920  
 ☎ 1 301 286 1753  
 ✉ tejfd@  
 splvin.gsfc.nasa.gov

**Dolez Noel**  
 OMP  
 14 Av E Belin  
 F 31400 Toulouse Cdx  
 France  
 ☎ 33 5 61 25 2101  
 ☎ 33 5 61 27 3179

**Dolginov Arkady Z**  
 Ihe Physical Tech Inst  
 Acad Sciences  
 Polytechnicheskaya Ul 26  
 194021 St Petersburg  
 Russia  
 ☎ 7 812 247 9167  
 ☎ 7 812 247 1017

**Dolidze Madona V**  
 Astrophysical Observ  
 Kazbegi av 2A  
 Tbilisi 380060  
 Georgia  
 ☎ 995 32 95 5367  
 ☎ 995 32 98 7000

**Dollfus Audouin**  
 Observ  
 DASOP  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7530  
 ☎ 33 1 45 07 7959  
 ✉ Audouin.Dollfus@  
 obspm.fr

**Domingo Vicente**  
 IEEC  
 Av Ausias March 103-E  
 E 43111 Rocafort  
 Spain  
 ☎ 34 96 131 0448  
 ✉ domingo@ieec.fcr.es

**Dominguez Inma**  
 Dpt Fisica Teorica y del  
 Cosmos  
 Univ de Granada  
 E 18071 Granada  
 Spain  
 ☎ 34 958 24 9061  
 ☎ 34 958 24 8529  
 ✉ inma@ugr.es

**Dominik Carsten**  
 Astron Inst Anton Pannekoek  
 Univ Amsterdam  
 Kruislaan 403  
 NL 1098 SJ Amsterdam  
 Netherlands  
 ☎ 31 20 5257 477  
 ☎ 31 20 5257 484  
 ✉ dominik@astro.uva.nl

**Dominko Fran**  
 Saranoviceva 11  
 Ljubljana  
 Slovenia  
 ☎ 386 61 322 210

**Domke Helmut**  
 Ludwig-Richter-Str. 31  
 D 14467 Potsdam  
 Germany  
 ☎ 49 331 270 3688  
 ☎ 49 331 866 3399  
 ✉ hdomke@t-onlin.de

**Dommanget J**  
 Observ  
 de Belgique  
 Av Circulaire 3  
 B 1180 Bruxelles  
 Belgium  
 ☎ 32 2 373 0241  
 ☎ 32 2 374 9822  
 ✉ omer.nys@oma.be

**Donahue Robert Andrew**  
 Cfa  
 HCO/SAO MS 15  
 60 Garden St  
 Cambridge MA 02138 1596  
 USA  
 ☎ 1 617 495 7184  
 ☎ 1 617 495 7095  
 ✉ donahue@  
 cfa.harvard.edu

**Donas Jose**  
 LAS  
 Traverse du Siphon  
 Les Trois Lucs  
 F 13376 Marseille Cdx 12  
 France  
 ☎ 33 4 91 05 5900  
 ☎ 33 4 91 66 1855  
 ✉ jose.donas@  
 astrsp-mrs.fr

**Donati Jean-Francois**  
 OMP  
 14 Av E Belin  
 F 31400 Toulouse Cdx  
 France  
 ☎ 33 5 61 33 2917  
 ☎ 33 5 61 33 2840  
 ✉ donati@obs-mip.fr

**Dong Il Zun**

Pyeongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyeongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Donn Bertram D**

NASA GSFC  
Code 691  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6859

**Donner Karl Johan**

Helsinki Univ  
Observ  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 9 1912 2940  
☎ 358 9 1912 2952  
✉ donner@  
gstar.astro.helsinki.fi

**Donnison John Richard**

Dpt Math Sci  
Goldsmiths Coll  
New Cross  
London SE14 6NW  
UK  
☎ 44 208 716 927 171

**D'Onofrio Mauro**

Univ di Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3522  
☎ 39 049 875 9840  
✉ donofrio@pd.astro.it

**Donzelli Carlos J**

Observ  
Laprida 854  
Cordoba 5000  
Argentina  
☎ 54 351 433 1066  
☎ 54 351 433 1066  
✉ charly@oac.uncor.edu

**Dopita Michael A**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 49 0212  
☎ 61 262 49 0233  
✉ michael.dopita@  
anu.edu.au

**Dorch Soeren Bertil F**

Laxgatan 5.5  
SE 13343 Saltsjöbaden  
Sweden  
☎ 45 46 87 17 5792  
☎ 45 46 81 64 228  
✉ dorch@astro.su.se

**Dorfi Ernst Anton**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 830  
☎ 43 1 427 795 18  
✉ dorfi@  
astro.univie.ac.at

**Dormand John Richard**

Mathematics Dpt  
Teesside Polytechnic  
Middlesbrough  
Cleveland TS1 3BA  
UK  
☎ 44 16 42 218 121\*4365

**Doroshkevich Andrei G**

Keldysh Inst Applied Maths  
Acad Sciences  
Miuskaja Sq 4  
125047 Moscow  
Russia  
☎ 7 095 258 1314

**Dorschner Johann**

Astrophysik Inst  
Univ Sternwarte  
Schillergaesschen 2  
D 07745 Jena  
Germany  
☎ 49 3641 947537  
☎ 49 3641 947532  
✉ dorsch@  
astro.uni-jena.de

**Doschek George A**

NRL  
Code 4170  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 6473

**Dotani Tadayasu**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 51 3911  
☎ 81 427 59 4253  
✉ dotani@astro.isas.ac.jp

**Dotto Elisabetta**

Osservatorio Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 810 1900  
☎ 39 011 810 1930  
✉ dotto@to.astro.it

**Dottori Horacio A**

Inst Fisica  
UFRGS  
CP 15051  
91501 900 Porto Alegre RS  
Brazil  
☎ 55 551 316 6439  
☎ 55 551 319 1762  
✉ dottori@if.ufrgs.br

**Doubinskij Boris A**

SC Radio Astronomy  
Acad Sciences  
Marx Av 18  
Moscow Centre GSP 3  
Russia  
☎ 7 095 202 8286  
☎ 7 095 203 8414  
✉ astronom@ire.rc.ac.ru

**Dougherty Sean**

Astrophysics Group  
Liverpool J M Univ  
Byrom St  
Liverpool L3 3AF  
UK  
☎ 44 151 231 4103  
☎ 44 151 231 2337  
✉ smd@starul.livjm.ac.uk

**Dougherty Sean M**

DRAO PO  
Box 248  
Penticton  
BC V2A 6K3  
Canada  
☎ 1 250 493 6447  
☎ 1 250 493 7767  
✉ sean.dougherty@  
hia.nrc.ca

**Doughty Noel A**

Dpt Phys/Astronomy  
Univ Canterbury  
Private Bag 4800  
Christchurch 1  
New Zealand  
☎ 64 3 366 7001  
☎ 64 3 364 2469

**Douglas James N**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 4461  
☎ 1 512 471 6016

**Douglas Nigel**

Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4088  
☎ 31 50 363 6100  
✉ ndouglas@astro.rug.nl

**Douglas R J**

Physics Division M 36  
NRCC  
100 Sussex Dr  
Ottawa ON K1A 0S1  
Canada  
☎ 1 613 993 6060  
☎ 1 613 952 6602  
✉ rob.douglas@nrc.ca

**Douglass Geoffrey G**

7213 Vellex Lane  
Annandale VA  
USA  
☎ 1 703 642 0661  
✉ geoffreydouglass@  
compuserve.com

**Dourneau Gerard**

Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
① 33 5 56 40 4251  
✉ dourneau@  
observ.u-bordeaux.fr

**Doval Jorge Perez**

Inst Geophys/Astron  
C 212 N 2906/29 Y 31  
Rpto Coromela/la Lisa  
La Habana  
Cuba  
☎ 537 21 8435/0644

**Downes Ann Juliet B**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 274  
① 44 12 23 354 599

**Downes Dennis**

IRAM  
300 r La Piscine  
F 38406 S Martin Heres Cdx  
France  
☎ 33 4 76 82 4900  
① 33 4 76 51 5938  
✉ downes@iram.grenet.fr

**Downes Ronald A**

STScI/USB  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4700  
① 1 410 338 4767  
✉ downes@stsci.edu

**Downes Turlough**

School Mathematics  
Trinity College  
Dublin 2  
Ireland  
☎ 353 1 6083 542  
① 353 1 6082 282  
✉ tppd@maths.tcd.ie

**Downs George S**

MIT Lincoln Lab  
MS S4 241  
Box 73  
Lexington MA 02173  
USA  
☎ 1 617 863 5500  
✉ downs@ll.mit.edu

**Doyle John Gerard**

Armagh Observ  
College Hill  
Armagh BT61 9DG  
UK  
☎ 44 18 61 522 928  
① 44 18 61 527174

**Doyle Laurance R**

SETI Institute  
2035 Landings Dr  
Mountain View CA 94043  
USA  
☎ 1 650 960 4533  
① 1 650 961 7099  
✉ ldoyle@seti.org

**Doyon Rene**

Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 6111\*3204  
① 1 514 343 2071  
✉ doyon@  
astro.umontreal.ca

**Dragunova Alina V**

Astron Observ  
Odessa State Univ  
Shevchenko Park  
Odessa 65014  
Ukraine  
☎ 380 482 228 442  
① 380 482 228 442  
✉ astro@paco.odessa.ua

**Draine Bruce T**

Princeton Univ Observ  
Peyton Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 452 3574  
① 1 609 258 1020

**Drake Frank D**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 4885  
① 1 831 426 3115  
✉ fdrake@ucolick.org

**Drake Jeremy**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7850  
① 1 617 495 7356  
✉ jdrake@  
cfa.harvard.edu

**Drake Natalia**

Observ  
Rua Ga. Jose Cristino 77  
Sao Cristovao  
Rio de Janeiro RJ 20921 400  
Brazil  
☎ 55 21 589 6504  
① 55 21 489 8972  
✉ drake@on.br

**Drake Stephen A**

NASA GSFC  
Code 662  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6962  
① 1 301 286 1684  
✉ stephen.drake@  
gsfc.nasa.gov

**Drapatz Siegfried W**

MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 880  
① 49 893 299 3569

**Dravins Dainis**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7297  
① 46 46 222 4614  
✉ dainis@astro.lu.se

**Dravskikh Alexander F**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 297 9452  
① 7 812 315 1701

**Drechsel Horst**

Dr Remeis Sternwarte  
Univ Erlangen-Nuernberg  
Sternwartstr 7  
D 96049 Bamberg  
Germany  
☎ 49 951 952 2215  
① 49 951 952 2222  
✉ drechsel@  
sternwarte.uni-erlangen.de

**Dreher John W**

SETI Institute  
601 Cambell Hall  
Univ California  
Berkeley CA 34720  
USA  
☎ 1 510 642 8397  
① 1 510 642 4311  
✉ dreher@seti.org

**Dressel Linda L**

STScI  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4376  
① 1 410 338 5090  
✉ dressel@stsci.edu

**Dressler Alan**

Carnegie Observ  
813 Santa Barbara St  
Pasadena CA 91101 1292  
USA  
☎ 1 626 304 0245  
① 1 626 795 8136  
✉ dressler@ociw.edu

**Drever Ronald W P**

CALTECH  
MS 130 33  
Pasadena CA 91125  
USA  
☎ 1 818 395 4597  
① 1 818 795 1547



**Drew Janet**

Astrophysics Gr  
Imperial Coll  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7771  
① 44 171 594 7772

**Drilling John S**

Dpt Phys/Astronomy  
Louisiana State Univ  
Baton Rouge LA 70803 4001  
USA  
☎ 1 225 388 6795  
① 1 225 388 5855  
✉ drilling@  
rouge.phys.lsu.edu

**Drinkwater Michael J**

School Physics  
Univ Melbourne  
Victoria 3010  
Australia  
☎ 61 3 8344 5428  
① 61 3 9347 4783  
✉ m.drinkwater@  
physics.unimelb.edu.au

**Drissen Laurent**

Dpt d Physique  
Universite Laval  
Ste Foy QC G1K 7P4  
Canada  
☎ 1 418 656 2131\*5641  
① 1 418 656 2040  
✉ ldrissen@  
phy.ulaval.ca

**Driver Simon P**

School Physics  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 955  
UK  
☎ 44 1334 463 116  
① 44 1334 463 104  
✉ spd3@st-and.ac.uk

**Drossart Pierre**

Observ  
DESPA  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7664  
① 33 1 45 07 7971  
✉ pierre.drossart@  
obspm.fr

**Drozyner Andrzej**

Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018  
① 48 56 24 602

**Drury Luke O'Connor**

DIAS  
School Cosmic Phys  
5 Merrion Sq  
Dublin 2  
Ireland  
☎ 353 1 662 1333  
① 353 1 662 1477  
✉ ld@cp.dias.ie

**Dryer Murray**

NOAA ERL R/E/SE  
Space Environment Lab  
325 Broadway  
Boulder CO 80303  
USA  
☎ 1 303 497 3978  
① 1 303 798 2124  
✉ mdryer@sec.noaa.gov  
murraydryer@msn.com

**Duari Debiprosad**

Physics Dept  
UMIST  
Box 88 Sackville Street  
Manchester M20 3FL  
UK  
☎ 44 161 200 8705  
① 44 161 200 4303  
✉ dpd@  
saturn.phy.umist.ac.uk

**Dubath Pierre**

INTEGRAL  
Science Data Ctr  
16 Chemin Ecogia  
CH 1290 Versoix  
Switzerland  
☎ 41 22 950 9124  
① 41 22 950 9133  
✉ pierre.dubath@  
obs.unige.ch

**Dubau Jacques**

Observ  
DARC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7456  
① 33 1 45 07 7971  
✉ Jacques.Dubau@  
obspm.fr

**Dubin Maurice**

14720 Siverstone Dr  
Silver Spring MD 20905  
7420  
USA

**Dubner Gloria**

IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 11 4781 6755  
✉ gdubner@aife.uba.ar

**Dubois Marc A**

SPEC  
CEA Saclay  
Orme des Merisiers  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 7418  
① 33 1 69 08 8786  
✉ mad@cea.fr

**Dubois Pascal**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0734  
① 33 3 88 25 0160  
✉ dubois@  
simbad.u-strasbg.fr

**Dubout Renee**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
① 33 4 91 62 1190  
✉ Renee.Dubout@  
observatoire.cnrs-mrs.fr

**Ducati Jorge Ricardo**

Inst Fisica  
UFRGS  
CP 15051  
91501 900 Porto Alegre RS  
Brazil  
☎ 55 512 36 4677  
① 55 513 36 1762  
✉ ducati@if.ufrgs-anrs.br

**Duchesne Maurice**

Observ  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 43 20 1210  
① 33 1 44 54 1804

**Ducourant Christine**

Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
① 33 5 56 40 4251  
✉ ducourant@  
observ.u-bordeaux.fr

**Dudinov Volodymyr N**

Astron Observ  
Sumska str 35  
Karkiv 61022  
Ukraine  
☎ 380 572 432 428  
① 380 572 432 428  
✉ dudinov@  
astron.krazkov.ua

**Duemmler Rudolf**

Astronomy Dpt  
Dpt Physical Sciences  
PO Box 3000  
FIN 90014Oulu  
Finland  
☎ 358 8 553 1932  
① 358 8 553 1934  
✉ Rudolf.Duemmler@  
Oulu.Fi

**Duerbeck Hilmar W**

Hemrich 16  
D 54552 Schalkenmehren  
Germany

**Duerst Johannes**

Freih 1  
CH 8824 Schoenberg  
Switzerland  
☎ 41 1 788 1785

**Dufay Maurice**

Universite Lyon 1  
Campus La Doua  
43 bd 11 novembre  
F 69621 Villeurbanne  
France  
☎ 33 4 78 89 8124

**Duffett-Smith Peter James**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 274  
① 44 12 23 354 599  
✉ pjsds@mrao.cam.ac.uk

**Duflot Marcelle**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
① 33 4 91 62 1190  
✉ duflot@  
observatoire.cnrs-mrs.fr

**Dufour Reginald James**  
Dpt Phys/Astronomy  
Rice Univ  
Box 1892  
Houston TX 77251 1982  
USA  
☎ 1 713 527 4939  
① 1 713 285 5143  
✉ rdj@rice.edu

**Dufton Philip L**  
Dpt Pure/Appl Physics  
Queen's Univ  
Belfast BT7 1NN  
UK  
☎ 44 12 32 245 133  
① 44 12 32 438 918

**Duldig Marcus Leslie**  
Austral Antarctic Div  
Univ Tasmania  
GPO Box 252 21  
Hobart TAS 7001  
Australia  
☎ 61 3 6226 2022  
① 61 3 6223 3057  
✉ marc.duldig@  
phys.utas.edu.au

**Duley Walter W**  
Physics Dpt  
Univ Waterloo  
Waterloo ON N2L 3G1  
Canada  
☎ 1 519 885 1211\*3108  
① 1 519 746 8115  
✉ duley@  
physics.uwaterloo.ca

**Dulieu Francois**  
LAMAP  
U Cergy Pontoise  
F 95031 Cergy Pontoise  
France  
☎ 33 1 342 57071  
① 33 1 34 25 70 71  
✉ francois.dulieu@  
u-cergy.fr

**Dulk George A**  
Observ  
DESPA  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7759  
① 33 1 45 07 7971  
✉ George.Dulk@obsprm.fr

**Dultzin-Hacyan D**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 616 0653  
✉ deborah@  
astroscu.unam.mx

**Duma Dmitrij P**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 63110  
① 380 4426 62147  
✉ duma@mao.kiev.ua

**Dumitrache Cristiana**  
Astron Inst  
Romanian Academy  
Cutitul de Argint 5  
RO 75212 Bucharest  
Romania  
☎ 40 1 335 8010  
① 40 1 337 3389  
✉ crisid@roastro.astro.ro

**Dumitrescu Alexandru**  
Astron Inst  
Romanian Acad Sci  
Cutitul de Argint 5  
RO 75212 Bucharest  
Romania  
☎ 40 1 335 6892  
① 40 1 3357 3389  
✉ alex@roastro.astro.ro

**Dumont Anne-Marie**  
Observ  
DAEC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7514  
① 33 1 45 07 7123  
✉ dumont@obsprm.fr

**Dumont Rene**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
① 33 5 56 40 4251  
✉ dumont@  
observ.u-bordeaux.fr

**Dumont Simone**  
4 rue des Capucins  
92190 Meudon  
France  
☎ 33 1 46 26 32 68

**Duncan Douglas Kevin**  
Astronomy/Astrophys Ctr  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 702 8207  
① 1 312 702 8212  
✉ duncan@  
oddjob.uchicago.edu

**Duncan Robert A**  
CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
① 61 2 868 0310  
✉ rduncan@atnf.csiro.au

**Duncombe Raynor L**  
Aerospace Eng Dpt  
Univ Texas  
WRW 414  
Austin TX 78712  
USA  
☎ 1 512 471 4250  
✉ duncombe@  
utcsr.ac.utexas.edu

**Dunham David W**  
APL  
JHU  
Johns Hopkins Rd  
Laurel MD 20723 6099  
USA  
☎ 1 301 953 5000  
① 1 301 953 1093  
✉ David.Dunham@  
jhuapl.edu

**Dunkelman Lawrence**  
618 E Camino Alteza  
Tucson AZ 85740  
USA  
① 1 520 293 4588  
✉ Dunk2@AOL.com

**Dunlop James**  
Astrophysics Group  
Liverpool J M Univ  
Byrom St  
Liverpool L3 3AF  
UK  
☎ 44 151 231 2039  
① 44 151 231 2337  
✉ jsd@uk.ac.livjm.starul

**Dunlop Storm**  
140 Stocks Lane  
East Wittering Chichester  
West Sussex PO20 8NT  
UK  
☎ 44 124 36 70354  
① 44 124 367 0400  
✉ sdunlop@  
star.maps.susx.ac.uk

**Dunn Richard B**  
AFGL  
NSO  
Sunspot NM 88349  
USA  
☎ 1 505 434 1390  
① 1 504 434 7029

**Dunsby Peter**  
Applied Maths Dpt  
Univ Cape Town  
Private Bag  
7700 Rondebosch  
South Africa  
☎ 27 21 650 3209  
① 27 21 650 2334  
✉ peter@  
shiva.mth.uct.ac.za

**Durrah Hira Lal**

Physics Dpt  
Univ Gauhati  
Guwahati 781014  
India  
☎ 91 361 88 531  
☎ 91 361 570 133  
✉ KKHLGU@  
gwi.vsnl.net.in

**Dupree Andrea K**

Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7489  
☎ 1 617 495 7049  
✉ dupree@  
cfa.harvard.edu

**Dupuy David L**

Physics Dpt  
Virginia Military Inst  
Lexington VA 24450  
USA  
☎ 1 703 464 7504  
✉ dupuy@vmi.edu

**Duriez Luc**

Laboratoire Astronomie  
Universite Lille  
1 Imp Observatoire  
F 59000 Lille  
France  
☎ 33 3 20 52 4424  
☎ 33 3 20 58 0328

**Durisen Richard H**

Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405  
USA  
☎ 1 812 335 6921  
☎ 1 812 855 8725

**Durney Bernard**

NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
☎ 1 520 325 9360

**Durouchoux Philippe**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 3376  
☎ 33 1 69 08 6577  
✉ durouchoux@  
sapvxc.saclay.cea.fr

**Durrance Samuel T**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 338 8707  
☎ 1 410 546 7279

**Durrant Christopher J**

Applied Maths Dpt  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 692 3373  
☎ 61 2 660 2903

**Durret Florence**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8093  
☎ 33 1 44 32 8001  
✉ durret@iap.fr

**Duschl Wolfgang J**

Inst Theor Astrophysik  
d Univer  
Tiergartenstr 15  
D 69121 Heidelberg  
Germany  
☎ 49 622 154 8967  
☎ 49 622 154 4221  
✉ wjd@  
ita.uni-heidelberg.de

**Duthie Joseph G**

Dpt Phys/Astronomy  
Univ Rochester  
Rochester NY 14627 0171  
USA  
☎ 1 716 275 8527  
☎ 1 716 275 4351

**Duval Marie-France**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4126  
☎ 33 4 91 62 1190  
✉ Marie-france.Duval@  
observatoire.cnrs-mrs.fr

**Duval Jr Thomas L**

Stanford Univ  
HEPL A209  
Stanford CA 94305 4085  
USA  
✉ duvall@  
quake.stanford.edu

**Duvert Gilles**

Observ  
Lab Astrophysique  
BP 53x  
F 38041 S Martin Heres Cdx  
France  
☎ 33 4 76 51 4885  
☎ 33 4 76 44 8821  
✉ gilles.duvert@  
laog.obs.ujf-grenoble.fr

**Dvorak Rudolf**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 840  
☎ 43 1 427 795 18  
✉ dvorak@  
astri.univie.ac.at

**Dwarkanath K S**

RR1  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
☎ 91 80 334 0492

**Dwarkadas Vikram V**

RCfTA  
School Physics  
A 2 Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 9351 6079  
☎ 61 2 9351 7726  
✉ vikram@  
physics.usyd.edu.au

**Dwek Eli**

NASA GSFC  
Code 697  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6209

**Dwivedi Bhola Nath**

Applied Phys Dpt  
Univ Banaras Hindu  
Varanasi 221 005  
India  
☎ 91 542 312 059

**Dworetsky Michael M**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 20 8959 0421  
☎ 44 20 8906 4161  
✉ mmd@star.ucl.ac.uk

**Dybczynski Piotr A**

Astron Observ  
A Mickiewicz Univ  
Ul Sloneczna 36  
PL 60 286 Poznan  
Poland  
☎ 48 61 867 9670  
☎ 48 61 868 6511  
✉ dybol@amu.edu.pl

**Dyck Melvin**

Dpt Phys/Astronomy  
Univ Wyoming  
Box 3905  
Laramie WY 82071  
USA  
☎ 1 307 766 6150  
☎ 1 307 766 2652  
✉ meldyck@  
corral.uwyo.edu

**Dyer Charles Chester**

Scarborough Coll  
Univ Toronto  
Phys Scs Gr Rm S 650  
Toronto ON M1C 1A4  
Canada  
☎ 1 416 284 3318

**Dyson Freeman J**

Inst Advanced Study  
School Natural Science  
Princeton NJ 08540  
USA  
☎ 1 609 734 8055

**Dyson John E**

Dpt Physics / Astron  
Univ Leeds  
Leeds LS2 9JT  
UK  
☎ 44 1132 333 869  
☎ 44 113 233 3869  
✉ jed@ast.leeds.ac.uk

**Dzhapiashvili Victor P**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 95 5367  
☎ 995 32 98 7000

**Dziembowski Wojciech**

Warsaw Univ Obs  
Aleje Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 629 40 11\*108  
☎ 48 22 629 49 67  
✉ wd@astrouw.edu.pl

**Dzifcakova Elena**

Observ  
Comenius Univ  
Mlynska Dolina 1  
SK 842 15 Bratislava  
Slovakia  
☎ 421 7 654 24 000  
☎ 421 7 654 25 882  
✉ dzifcakova@  
fmph.uniba.sk

**Dzigvashvili R M**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 95 5367  
☎ 995 32 98 7000

**Dzubenko Nikolai**

Astronomy Dpt  
Univ Kyiv  
Acad Glushkov Str 6  
252022 Kyiv  
Ukraine  
☎ 380 4426 64457  
☎ 380 4426 64507  
✉ kotsarenko@  
univ.kiev.ua

## E

**Eaton Joel A**

Ctr Excellence Inform Sys  
Tennessee State Univ  
330 10th Av North  
Nashville TN 37203 3401  
USA

☎ 1 615 963 7302  
① 1 615 963 7027

**Ebisuzaki Toshikazu**

Computational Science Lab  
Inst Physical & Chemical  
Res

2 1 Hirosawa  
Wako 351 0198  
Japan

☎ 81 48 467 9414  
① 81 48 467 4078  
✉ ebisu@atlas.riken.go.jp

**Eccles Michael J**

Ballencrieff Toll  
Sunnyside  
Bathgate EH48 4LD  
UK

**Echeverria Roman Juan M**

Observ  
UNAM  
Apt 877  
Ensenada BC 22800  
Mexico

☎ 52 6 174 4580  
① 52 6 174 4607

**Edalati Sharbaf****Mohammad Taghi**

Physics Dpt  
School Sciences  
Univ Ferdowsi  
Mashhad  
Iran

☎ 98 51 832 021/4  
① 98 51 838 032

**Eddy John A**

3460 Ash Av  
Boulder CO 80303  
USA

☎ 1 303 497 1680

**Edelman Colette**

IMCCE  
Observatoire de Paris  
77 Av Denfert Rochereau  
F 75014 Paris  
France

☎ 33 1 40 51 2272  
① 33 1 46 33 2834

**Edelson Rick**

Dpt Physics / Astron  
Campus Box 95152  
UCLA  
Los Angeles CA 90095-1562  
USA

☎ 1 310 825 3216  
① 1 310 206 2096  
✉ rac@astro.ucla.edu

**Edge Alastair**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK

☎ 44 12 23 330 803  
① 44 12 23 337 523  
✉ ace@mail.ast.cam.ac.uk

**Edmondson Frank K**

Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405  
USA

☎ 1 812 335 6918  
① 1 812 855 8725

**Edmunds Michael Geoffrey**

Physics Dpt  
Univ Wales College  
Box 91  
Cardiff CF2 3YB  
UK

☎ 44 12 22 874 043  
① 44 12 22 874 056  
✉ mge@astro.cf.ac.uk

**Edvardsson Bengt**

Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden

☎ 46 18 471 5950  
① 46 18 471 5999  
✉ bengt.edvardsson@  
astro.uu.se

**Edwards Alan Ch**

CALTECH/JPL  
MS 238 600  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA

☎ 1 818 354 4321  
① 1 818 393 4965  
✉ chad@logos.jpl.nasa.gov

**Edwin Roger P**

Dpt Phys/Astronomy  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK

☎ 44 1334 76161  
① 44 1334 74487

**Eenens Philippe**

Dpt Astronomia  
Univ Guanajuato  
Apdo 144  
Guanajuato GTO 36000  
Mexico

☎ 52 4 732 9548  
① 52 4 732 0253  
✉ eenens@  
carina.astro.ugto.mx

**Efimenko Volodymyr M**

Observatorna street, 3  
Kyiv 53 04053  
Ukraine

☎ 380 44 216 2630  
① 380 44 216 2630  
✉ efim@  
aoku.freenet.kiev.ua

**Efimov Yuri**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine

☎ 380 6554 40704  
① 380 6554 40704  
✉ etimov@crao.crimea.ua

**Efremov Yuri I**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia

☎ 7 095 939 1622  
① 7 095 932 8841  
✉ efremov@sai.msu.ru

**Efremov Yuri N**

SAI  
Moscow State Univ  
Universitetskij Pr 13  
119899 Moscow  
Russia

☎ 7 095 939 1622  
① 7 095 932 8841  
✉ cfremov@sai.msu.ru

**Efstathiou George**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK

☎ 44 12 23 337 530  
① 44 12 23 339 910  
✉ gpe@ast.cam.ac.uk

**Egan Michael P**

AFRL/VSBC  
29 Randolph Rd.  
Hanscom AFB MA 01731  
3010  
USA

☎ 1 781 377 3188  
① 1 781 377 3138  
✉ egan@plh.af.mil

**Eggleton Peter P**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523

**Egret Daniel**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0711  
① 33 3 88 25 0160  
✉ egret@  
simbaud.u-strasb.fr

**Ehgamberdiev Shurat**

Ulugh Beg Astron Inst  
Uzbek Acad Sci  
Astronomicheskaya UI 33  
700052 Tashkent  
Uzbekistan  
☎ 998 3712 35 8102  
① 998 3712 32 7789  
✉ shurat@  
kumbel.silk.glas.apc.org

**Ehlers Jurgen**

MPI Gravitational Physik  
Albert-Einstein Instut  
Schlaatzweg 1  
D 14473 Postdam  
Germany

**Eichhorn Guenther**

Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138  
USA  
☎ 1 617 495 7260  
① 1 617 496 7577  
✉ gei@cfa.harvard.edu

**Eichler David**

Astronomy Magazine  
21027 Crossroads Circle  
Waukesha WI 53187  
USA

**Eidelsberg Michele**

Observ  
DAMAP  
Pj J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7562  
① 33 1 45 07 7121  
✉ Michele.Eidelsberg@  
obspm.fr

**Eilek Jean**

Physics Dpt  
New Mexico Tech  
Campus Station  
Socorro NM 87801  
USA  
☎ 1 505 835 5238  
① 1 505 835 5707  
✉ jeilek@nraso.edu

**Einasto Jaan**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 61602 Tartumaa  
Estonia  
☎ 372 7 410 450  
① 372 7 410 205  
✉ einasto@aai.ee

**Einasto Maret**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 3 410 450  
① 372 7 410 205

**Einaudi Giorgio**

Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
① 39 055 220 039

**Einicke Ole H**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5977  
① 45 35 32 5989  
✉ ohe@astro.ku.dk

**Eiroa Carlos**

Dpt Fisica Teorica  
Facultad de Ciencias  
UAM Cantoblanco  
E 28049 Madrid  
Spain  
☎ 34 913 97 5567  
① 34 913 97 3936  
✉ carlos@xiada.ft.uam.es

**Eisloeffel Jochen**

Thueringer Landessternwarte  
D 07778 Tantenburg  
Germany  
☎ 49 36 427 86 365  
① 49 36 427 86 329  
✉ jochen@  
tts-tantenburg.de

**Eker Zeki**

KACST  
Box 2455  
Riyadh 11451  
Saudi Arabia  
☎ 966 1 4676 315  
✉ f40a010@saksu00

**Ekers Ronald D**

CSIRO  
Australia Telescope National  
Facility  
Box 76  
Epping NSW 1710  
Australia  
☎ 61 2 9372 4300  
① 61 2 9372 4310  
✉ rekers@atnf.csiro.au

**El Bakkali Larbi**

Fac de Sciences  
Box 2121  
Tetouan  
Morocco  
☎ 212 974509  
① 212 971763

**El Basuny Ahmed Alawy**

NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
① 20 62 21 405 297

**El Baz Farouk**

Center for Remote Sensing  
Boston Univ  
725 Commonwealth Av  
Boston MA 02215  
USA  
☎ 1 617 353 5081  
① 1 617 353 3200

**El Eid Mounib**

Schillerstr 67  
D 37083 Goettingen  
Germany  
☎ 49 551 395 042  
① 49 551 395 043  
✉ meid@aub.edu.lb

**El Nawaway Mohamed**

Saleh  
ASRT  
101 Kasr El-eini Str  
Cairo 11516  
Egypt  
☎ 20 2 355 7972

**El Raey Mohamed E**

Dpt Environmt Studies  
Inst Graduate Stud/Res  
Univ Alexandria  
Alexandria  
Egypt

**El Shahawy Mohamad**

Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
① 20 2 572 7556

**Elford William Graham**

Physics Dpt  
Univ Adelaide  
Box 498  
Adelaide SA 5001  
Australia  
☎ 61 8 228 5321

**Elias Nicholas**

USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
✉ nme@sextans.lowell.edu

**Elipe Sanchez Antonio**  
Gr Mekan Espacial  
Univ Zaragoza  
E 50009 Zaragoza  
Spain  
☎ 34 97 676 1000  
① 34 97 676 1140  
✉ elipe@posta.unizar.es

**Elitzur Moshe**  
Dpt Phys/Astronomy  
Univ Kentucky  
Lexington KY 40506 0055  
USA  
☎ 1 606 257 4720  
① 1 606 323 2846

**Ellder Joel**  
Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5500  
① 46 31 772 5550

**Ellingsen Simon P**  
School Mathematics/Physics  
Univ Tasmania  
GPO Box 252 21  
Hobart 7001  
Australia  
☎ 61 3 6226 7588  
① 61 3 6226 2410  
✉ simon.ellingsen@  
utas.edu.au

**Elliot James L**  
Dpt Earth/Planet Sci  
MIT Rm 54 422a  
77 Massachusetts Ave  
Cambridge MA 02139  
USA  
☎ 1 617 253 6308

**Elliott Ian**  
Dunsink Observ  
DIAS  
Castleknock  
Dublin 15  
Ireland  
☎ 353 1 387 959  
① 353 1 387 090

**Elliott Kenneth H**  
Dpt Space Res  
Univ Birmingham  
Box 363  
Birmingham B15 2TT  
UK  
☎ 44 12 14 721 301

**Ellis G R A**  
Physics Dpt  
Univ Tasmania  
GPO Box 252c  
Hobart TAS 7001  
Australia  
☎ 61 2 202 411  
① 61 2 202 410

**Ellis George F R**  
Applied Maths Dpt  
Univ Cape Town  
Private Bag  
7700 Rondebosch  
South Africa  
☎ 27 21 650 2332/2340  
① 27 21 650 2334

**Ellis Richard S**  
Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 000  
① 44 19 13 743 749

**Elmegreen Bruce Gordon**  
IBM  
T J Watson Res Ctr  
Box 218  
Yorktown Heights NY 10598  
USA  
☎ 1 914 945 2448  
① 1 914 945 4506  
✉ bge@watson.ibm.com

**Elmegreen Debra Meloy**  
Dpt Phys/Astronomy  
Vassar College  
Poughkeepsie  
Poughkeepsie NY 12604  
0278  
USA  
☎ 1 914 437 7356  
① 1 914 437 5995  
✉ elmegreen@vassar.edu

**Elsaesser Hans**  
MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 8200  
① 49 622 152 8246

**El-Sharawy Mohamed Bahgat**  
NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
① 20 62 21 405 297

**Elsmore Bruce**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 294  
① 44 12 23 354 599

**Elst Eric Walter**  
Koninklijke Sterrenwacht  
van België  
Ringlaan 3  
B 1180 Brussel  
Belgium  
☎ 32 2 373 0309  
① 32 2 374 9822  
✉ eric.elst@oma.be

**Elste Gunther H**  
Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 313 764 3444  
① 1 313 764 2211

**Elston Wolfgang E**  
Dpt Geology  
Univ New Mexico  
800 Yale Blvd NE  
Albuquerque NM 87131  
USA  
☎ 1 505 277 5339

**Elsworth Yvonne**  
School Phys/Astron  
Univ Birmingham  
Box 363  
Birmingham B15 2TT  
UK  
☎ 44 12 14 146 453  
① 44 12 14 143 722  
✉ ype@star.sr.bham.ac.uk

**Elvis Martin S**  
CFA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7442  
① 1 617 495 7356  
✉ elvis@cfa.harvard.edu

**Elvius Aina M**  
Norrlandsgatan 34F  
SE 752 29 Uppsala  
Sweden  
☎ 46 18 50 0857

**Emanuele Alessandro**  
IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
① 39 06 206 60188  
✉ capaneo@  
saturn.rm.fra.cnr.it

**Emelianov Nikolaj V**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 3764  
① 7 095 939 0126  
✉ emelia@sai.msu.su

**Emerson Darrel Trevor**  
NRAO  
Campus Bg 65  
949 N Cherry Av  
Tucson AZ 85721 0655  
USA  
☎ 1 520 882 8250\*117  
① 1 520 882 7955  
✉ demerson@nrao.edu

**Emerson James P**  
Astrophysics Group  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 975 5040  
① 44 181 975 5500  
✉ j.p.emerson@  
qmw.ac.uk

**Eminzade T A**

Shemakha Astrophysical  
Observ  
Azerbaijan Acad Sci  
373243 Shemakha  
Azerbaijan  
☎ 994 89 22 39 8248

**Emslie A Gordon**

Physics Dpt  
Univ Alabama  
Huntsville AL 35899  
USA  
☎ 1 205 895 6167  
① 1 205 895 6790

**Enard Daniel**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6251  
① 49 893 202 362

**Encrenaz Pierre J**

DEMIRM  
ENS  
24 r Lhomond  
F 75231 Paris Cdx 05  
France  
☎ 33 1 40 51 2036  
① 33 1 40 51 2002  
✉ pierre.encrenaz@  
obspm.fr

**Encrenaz Therese**

Observ  
DESPA  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7691  
① 33 1 45 07 7971  
✉ therese.encrenaz@  
obspm.fr

**Endal Andrew S**

Applied Res Corp  
8201 Corporate Dr  
Suite 920  
Landover MD 20785  
USA  
☎ 1 301 459 8442  
① 1 301 459 0761

**Engels Dieter**

Hamburger Sternwarte  
Univ Hamburg  
Gojenbergsweg 112  
D 21029 Hamburg  
Germany  
☎ 49 407 252 4136  
① 49 407 252 4198  
✉ dengels@  
hs.uni-hamburg.de

**Engin Semanur**

Astronomy Dpt  
Univ Ankara  
Fen Fakultesi  
06100 Besevler  
Turkey  
☎ 90 41 216 6720  
① 90 312 223 2395

**Enginol Turan B**

Simitas 7/63 Merter  
Istanbul  
Turkey  
☎ 90 216 575 3357  
① 90 216 575 3357  
✉ turanb@anet.net.tr

**English Jayanne**

Univ Manitoba  
Dpt Physics/Astron  
Winnipeg Manitoba R3t 2M8  
Canada  
☎ 1 204 474 7105  
① 204 474 7622  
✉ jayanne.english@  
umanitoba.ca

**Engvold Oddbjorn**

Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 521  
① 47 22 856 505  
✉ oddbjorn.engvold@  
astro.uio.no

**Enome Shinzo**

Sakura 3 25 11  
Setagaya ku  
Tokyo 156 0053  
Japan  
☎ 81 3 3420 4623  
① 81 3 3420 4844  
✉ enome@  
hotaka.mtk.nao.ac.jp

**Epishev Vitali P**

Lab Cosmic Investigat  
Univ  
Dalyokaya Str 2a  
294000 Uzhgorod  
Ukraine  
☎ 380 3122 36065  
① 380 3122 36136

**Epps Harland Warren**

Dpt Astronomy/Phys  
Univ California  
Santa Cruz CA 95064  
USA

**Epstein Eugene E**

LANL  
MS D 436  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 5127  
① 1 505 665 4414  
✉ epstein@lanl.gov

**Epstein Gabriel Leo**

NASA GSFC  
Code 682  
Greenbelt MD 20771  
USA  
☎ 1 301 286 0722  
① 1 301 286 1617

**Epstein Richard I**

LANL  
MS 436  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 9595  
① 1 505 665 4055

**Ercan E Nihal**

Kandilli Observ  
Bogazici Univ  
Cengelkoy  
81220 Istanbul  
Turkey  
☎ 90 1 332 0240/41  
① 90 1 265 7131

**Erdelyi Robert**

Space/Atmosph Research  
Center Dept Applied Math  
Univ Sheffield  
Hicks Building Hounsfield  
Road  
Sheffield S3 7RH  
UK  
☎ 44 1142 223 832  
① 44 1142 223 739  
✉ robertus@sheffield.ac.uk

**Erdi B**

Astronomy Dpt  
Eotvos Univ  
Ludovika ter 2  
HU 1083 Budapest  
Hungary  
☎ 36 1 114 1019  
① 36 1 210 1089

**Ergma E V**

Dpt Th Phys/Astrophys  
Tartu Univ  
Uelikooli 18  
EE 2400 Tartumaa  
Estonia  
☎ 372 73 775

**Erickson William C**

Physics Dpt  
Univ Tasmania  
GPO Box 252c  
Hobart TAS 7001  
Australia  
☎ 61 2 202 401  
① 61 2 202 186

**Eriguchi Yoshiharu**

Dpt Earth Sci/Astron  
Univ Tokyo  
Meguro Ku  
Tokyo 153  
Japan  
☎ 81 346 71 171\*439  
① 81 334 85 2904

**Eriksen Gunnar**

Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 515  
① 47 22 856 505



**Eriksson Kjell**

Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
☎ 46 18 471 5999  
✉ Kjell.Eriksson@astro.uu.se

**Eroshkin Georgiy I**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4422  
☎ 7 812 123 49 22  
✉ eroshkin@gao.spb.ru

**Ershkovich Alexander**

Dpt Geophys/Planet Sci  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 641 3505  
☎ 972 3 640 9282

**Ertan A Yener**

Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322

**Escalante Vladimir**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3908  
☎ 52 5 616 0653  
✉ vladimir@astroscu.unam.mx

**Eshleman Von R**

Stanford Univ  
Durand 221  
Stanford CA 94305  
USA  
☎ 1 415 497 3531  
☎ 1 415 723 4840

**Esipov Valentin F**

SAl  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2858  
☎ 7 095 939 0126

**Eskioglu A Nihat**

Ozanlar Astrophys Lab  
Sakarya Fakultesi  
Ars Gor Metin Saltik  
Adapazari  
Turkey

**Estridge Paul B**

CfA  
HCO/SAO MS 81  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7585  
☎ 1 617 495 7356  
✉ estridge@cfa.harvard.edu

**Espey Brian Russell**

STScI  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 338 4341  
☎ 1 410 338 5090  
✉ espey@stsci.edu

**Esposito F Paul**

Physics Dpt  
Univ Cincinnati  
210 Braunstein M1 11  
Cincinnati OH 45221 0111  
USA  
☎ 1 513 475 2233  
☎ 1 513 556 3425

**Esposito Larry W**

LASP  
Univ Colorado  
Campus Box 392  
Boulder CO 80309 0392  
USA  
☎ 1 303 492 7325  
☎ 1 303 492 6946

**Esser Ruth**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7566  
☎ 1 617 495 7049  
✉ esser@cfa.harvard.edu

**Estalella Robert**

Dpt Fisica Atmosfera  
Univ Barcelona  
Avd Diagonal 645  
E 08028 Barcelona  
Spain  
☎ 34 3 330 7311\*298  
☎ 34 3 402 1133

**Esteban Lopez Cesara**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
☎ 34 2 240 5646/405 501

**Etzel Paul B**

Astronomy Dpt  
San Diego State Univ  
San Diego CA 92182  
USA  
☎ 1 619 495 6169  
☎ 1 619 594 5485  
✉ etzel@mintaka.sdsu.edu

**Eubanks Thomas Marshall**

7243 Archlaw Dr  
Clifton VA 22024 2126  
USA  
✉ tme@cygx3.usno.navy.mil

**Evangelidis E**

1 Monks Horton Way  
St Albans AL1 4HA  
UK

**Evans Aneurin**

Physics Dpt  
Univ Keele  
Keele ST5 5BG  
UK  
☎ 44 178 262 1111  
☎ 44 178 271 1093

**Evans Dafydd Wyn**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 766 657  
☎ 44 12 23 337 523  
✉ dwe@ast.cam.ac.uk

**Evans Ian Nigel**

CfA  
HCO/SAO MS 27  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7846  
☎ 1 617 495 7040  
✉ evans\_i@head-cfa.harvard.edu

**Evans J V**

Comsat Corp  
6560 Rock Spring Dr  
Bethesda MD 20817  
USA  
☎ 1 301 214 3211  
☎ 1 301 214 7130

**Evans Kenton Dower**

Dpt Phys/X-Ray Astron  
Univ Leicester  
Univ Rd  
Leicester LE1 7RN  
UK  
☎ 44 1162 522 073  
☎ 44 1162 501 82

**Evans Nancy Remage**

CfA  
HCO/SAO MS 4  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 3627

**Evans Neal J**

Astronomy Dpt  
Univ Texas  
Rim 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 4461  
☎ 1 512 471 6016

**Evans Robert**

PO Box 131  
Hazelbrook NSW 2779  
Australia  
☎ 61 247 589053  
✉ bobevans@pnc.com.au

**Evans Roger G**

Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK

☎ 44 12 35 821 900

📠 44 12 35 445 808

**Evans W Doyle**

10115 S 69th East Av  
Tulsa OK 74133 6719  
USA

**Evans Wyn**

49 Herford Av  
London SW14 8EH  
UK

☎ 44 1633 867 551

**Eviatar Aharon**

Dpt Geophys/Planet Sci  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel

☎ 972 3 642 0620

📠 972 3 640 9282

**Evren Serdar**

Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey

☎ 90 232 388 0110\*2322

✉ sevren@  
bornova.ege.edu.tr

**Ewen Harold I**

Hillcrest Dr 60  
Beaver  
South Deerfield MA 01373  
USA

**Ewing Martin S**

Astronomy Dpt  
Yale Univ  
Box 208267  
New Haven CT 06520 8267  
USA

☎ 1 203 432 4243

📠 1 203 432 2797

✉ martin.ewing@yale.edu

**Eyer Laurent**

Astron Inst  
Kathalieke Univ Leuven  
Celestijnenlaan 200B  
B 3001 Heverlee  
Belgium

☎ 32 1632 7005

📠 32 1632 7999

✉ laurent@  
ster.kuleuven.ac.be

**Ezer-Eryurt Dilhan**

Physics Dpt  
Middle East Tech Univ  
06531 Ankara  
Turkey

☎ 90 41 23 7100\*3255

## F

**Fabbiano Giuseppina**

Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7203  
☎ 1 617 495 7356  
✉ gfabbian@  
cfa.harvard.edu

**Faber Sandra M**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2944  
☎ 1 831 459 2944  
✉ faber@ucolick.org

**Fabian Andrew C**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
☎ 44 12 23 337 523  
✉ acf@ast.cam.ac.uk

**Fabregat Juan**

Dpt Astron/Astrofisica  
Univ Valencia  
Dr Moliner 50  
E 46100 Burjassot  
Spain  
☎ 34 6 398 3071  
☎ 34 6 398 3084  
✉ juan@pleione.uv.es

**Fabricant Daniel G**

Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7398  
☎ 1 617 495 7467  
✉ dfabricant@  
cfa.harvard.edu

**Fabricius Claus V**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5966  
☎ 45 35 32 5989  
✉ cf@astro.ku.dk

**Fabrika Sergei**

SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 784 6155  
☎ 7 96 908 2861  
✉ fabrika@sao.ru

**Facondi Silvia Rosa**

Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9383  
☎ 39 051 630 5700  
✉ sfacondi@ira.bo.cnr.it

**Fadeyev Yuri A**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
☎ 7 095 230 2081  
✉ fadeyev@inasan.rssi.ru

**Faelthammar Carl Gunne**

Dpt Plasma Physics  
Royal Inst Technology  
Sve 100 44 Stockholm 70  
Sweden  
☎ 46 86 87 7685

**Fahey Richard P**

NASA GSFC  
Code 684  
Greenbelt MD 20771  
USA  
☎ 1 301 286 9877  
☎ 1 301 286 1753  
✉ fahey@  
stars.gsfc.nasa.gov

**Fahlman Gregory G**

Dpt Geophys/Astronomy  
UBC  
2075 Wesbrook Pl  
Vancouver BC V6T 1W5  
Canada  
☎ 1 604 228 4891  
☎ 1 604 228 6047

**Fahr Hans Joerg**

IAEF  
Univ Bonn  
auf d Huegel 71  
D 53121 Bonn  
Germany  
☎ 49 228 73 3677  
☎ 49 228 73 3672

**Fairall Anthony P**

Astronomy Dpt  
Univ Cape Town  
Private Bag  
7700 Rondebosch  
South Africa  
☎ 27 21 650 2392  
☎ 27 21 650 3352  
✉ fairall@  
uctvms.uct.ac.za

**Falchi Ambretta**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2236  
☎ 39 055 220 039  
✉ falchi@arcetri.astro.it

**Falciani Roberto**

Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
☎ 39 055 220 039  
✉ falciani@arcetri.astro.it

**Falcke Heino D**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 217  
☎ 49 228 525 229  
✉ hfalcke@  
mpifr-bonn.mpg.de

**Falco-Acosta Emilio E**

Whipple Observ  
670 Mt. Hopkins Road  
P.O. Box 97  
Amado AZ 85645  
USA  
☎ 1 520 670 5715  
☎ 1 520 650 5713  
✉ falco@  
carpincho.sao.arizona.edu

**Falcon Veloz Nelson L**

Univ de Carabobo  
Dpt Fisica  
Apdo 129 Avda. Bolivar  
Norte  
Valencia 2001 Edo.  
Carabobo  
Venezuela  
☎ 58 41 665426  
☎ 58 41 253529  
✉ nfalcon@thor.ac.edu.ve

**Falgarone Edith**

DEMIRM  
ENS  
24 r Lhomond  
F 75231 Paris Cdx 05  
France  
☎ 33 1 43 29 1225  
☎ 33 1 40 51 2002  
✉ edith@ensapa.ens.fr

**Falk Jr Sydney W**  
1011 Shelley Av  
Austin TX 78703  
USA

**Fall S Michael**  
STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4833  
① 1 410 338 4767  
✉ fall@stsci.edu

**Falle Samuel A**  
Dpt Appl Maths  
Univ Leeds  
Leeds LS2 9JT  
UK  
☎ 44 1132 335 105  
① 44 1132 429 525

**Faller James E**  
JILA/NBS  
Univ Colorado  
Campus Box 400  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 8509

**Fallon Frederick W**  
NGS  
N/cg 114 Noaa  
6010 Executive Blvd  
Rockville MD 20852  
USA  
☎ 1 301 443 8424  
✉ ffallon@dc.infi.net

**Falomo Renato**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3464  
① 39 049 875 9840  
✉ falomo@pd.astro.it

**Fan Junhui**  
Center for Astrophysics  
Guangzhou Normal Univ  
Guangzhou 510400  
China PR  
☎ 86 20 8623 5537  
① 86 20 8623 4992  
✉ jhfan@  
guangztc.edu.cn

**Fan Yu**  
Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 718 7153  
① 86 871 717 1845  
✉ ynao@public.km.yn.cn

**Fang Cheng**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 34651\*2882  
① 86 25 330 2728  
✉ fangc@nju.edu.cn

**Fang Li-zhi**  
Dpt Phys/Astronomy  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 4721  
① 1 520 621 4721  
✉ fangliz@  
time.physics.arizona.edu

**Fanselow John Lyman**  
CALTECH/JPL  
MS 169 315  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 213 354 6323  
① 1 818 393 6030

**Fanti Carla Giovannini**  
Istt Radioastronomia  
CNR  
Via P Gobetti 101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9385  
① 39 051 639 9385  
✉ cfanti@ira.bo.cnr.it

**Fanti Roberto**  
Istt d Fisica  
Univ d Bologna  
Via Irnerio 46  
I 40126 Bologna  
Italy  
☎ 39 051 232 856/57

**Faraggiana Rosanna**  
OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
① 39 040 30 9418

**Farnik Frantisek**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7329  
① 420 288 1611  
✉ ffarnik@asu.cas.cz

**Faucher Paul**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3131  
① 33 4 92 00 3033  
✉ faucher@obs-nice.fr

**Faulkner Donald J**  
MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 881 111  
① 61 262 490 233

**Faulkner John**  
Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 429 2815  
① 1 831 426 3115

**Faundez-Abans M**  
Observ  
Rua Coronel Renno 07  
CP 21  
37500 Itajuba Mg  
Brazil  
☎ 55 356 22 0788  
✉ ina@eu.ansp.br

**Faurobert-Scholl Marianne**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3011  
① 33 4 92 00 3033

**Fawell Derek R**  
UCLO  
ULO  
Mill Hill Park  
London NW7 2QS  
UK  
☎ 44 208 959 0421  
① 44 171 380 7145

**Fay Theodore D**  
Teledyne Brown Eng  
Cummings Res Park  
MS 19  
Huntsville AL 35807  
USA

**Fazio Giovanni G**  
CFA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7458  
① 1 617 495 7490  
✉ gfazio@cfa.harvard.edu

**Feast Michael W**  
Astronomy Dept  
Univ Cape Town  
7701 Rondebosch  
South Africa  
☎ 27 21 650 2396  
① 27 21 650 3342  
✉ mwf@uctvax.uct.ac.za

**Feautrier Nicole**  
Observ  
DAMAP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7552  
① 33 1 45 07 7121  
✉ Nicole.Feautrier@  
obsppm.fr

**Federici Luciana**

Dpt Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 301  
📠 39 051 259 407

**Federman Steven Robert**

Dpt Phys/Astronomy  
Univ Toledo  
2801 W BancrBoxt St  
Toledo OH 43606  
USA  
☎ 1 419 530 2652  
📠 1 419 530 2723  
✉ sfederm@  
uoft02.utoledo.edu

**Fedorov Petro**

Astron Observ  
Kharkiv State Univ  
Sumskaja UI 35  
310002 Kharkiv  
Ukraine  
☎ 380 5724 32428  
📠 380 5724 32428  
✉ pnf@astron.kharkov.ua

**Fegan David J**

Physics Dpt  
Univ College  
Belfield  
Dublin 4  
Ireland  
☎ 353 1 693 244  
📠 353 1 671 1759

**Fehrenbach Charles**

Les Magnanarelles  
Lourmarin  
F 84160 Cadenet  
France  
☎ 33 4 90 68 0028

**Feibelman Walter A**

NASA GSFC  
Code 685  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5272  
📠 1 301 286 1617

**Feigelson Eric D**

Astronomy Dpt  
Pennsylvania State Univ  
525 Davey Lab  
University Park PA 16802  
USA  
☎ 1 814 865 0162  
📠 1 814 863 7114  
✉ edf@astro.psu.edu

**Feinstein Alejandro**

Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 425 8985  
📠 54 221 421 1761  
✉ afeinstein@  
fcaglp.edu.ar

**Feinstein Carlos**

Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 425 8985  
📠 54 221 425 8985  
✉ cfeinstein@  
fcaglp.edu.ar

**Feissel Martine**

Inst Geographique National  
ENSG/LAREG  
53 Cite Descartes  
F 77455 Marne la Vallee  
France  
☎ 33 1 64 15 3283  
📠 33 1 64 15 3253  
✉ feissel@ensg.ign.fr

**Feitzinger Johannes**

Astronomisches Inst  
Ruhr Univ Bochum  
Postfach 102148  
D 44780 Bochum  
Germany  
☎ 49 234 516 060  
📠 49 234 516 015  
✉ planetarium@  
bochum.de

**Fejes Istvan**

Fomi Satellite  
Geodetic Observ  
Box 546  
HU 1373 Budapest  
Hungary

**Fekel Francis C**

Ctr Excellence Inform Sys  
Tennessee State Univ  
330 10th Av North  
Nashville TN 37203 3401  
USA  
☎ 1 615 963 7302  
📠 1 615 963 7027  
✉ fekel@evans.tsuniv.edu

**Feldman Paul A**

NRCC/HIA  
DOA  
5071 W Saanich Rd  
Victoria BC V9E 2E7  
Canada  
☎ 1 250 363 8133  
📠 1 250 363 0045  
✉ Paul.Feldman@nrc.ca

**Feldman Paul Donald**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 7339  
📠 1 410 338 5494  
✉ pdf@pha.jhu.edu

**Feldman Uri**

NRL  
Holburt Ctr for Spaces Re  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 3286

**Felenbok Paul**

Observ  
DAEC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7523  
📠 33 1 45 07 7123  
✉ felenbok@obsppm.fr

**Felli Marcello**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2240  
📠 39 055 220 039  
✉ felli@arcetri.astro.it

**Felten James E**

NASA GSFC  
Code 685  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6364  
📠 1 301 286 1617  
✉ felten@  
stars.gsfc.nasa.gov

**Feltzing Sofia**

Inst for Astronomy  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7303  
📠 46 46 222 4614  
✉ sofia@astro.lu.se

**Fender Robert P**

Astron Inst Anton Pannekoek  
Univ Amsterdam  
Kruislaan 403  
NL 1098 SJ Amsterdam  
Netherlands  
☎ 31 20 5257 472  
📠 31 20 5257 484  
✉ rpf@astro.uva.nl

**Feng Hesheng**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
📠 86 871 717 1845

**Feng Long Long**

Center for Astrophysics  
Univ Sciences & Technology  
China  
Hefei  
Anhui 230026  
China PR  
☎ 86 551 3607 040  
📠 86 551 3631 760  
✉ fengll@ustc.edu.cn

**Fenkart Rolf P**

Astronomisches Inst  
Univ Basel  
Venusstr 7  
CH 4102 Binningen  
Switzerland  
☎ 41 61 271 7711/12  
📠 41 61 205 5455

- Fenton K B**  
Physics Dpt  
Univ Tasmania  
GPO Box 252c  
Hobart TAS 7001  
Australia  
☎ 61 2 202 411  
① 61 2 202 410
- Feretti Luigina**  
Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9412  
① 39 051 639 9431  
✉ lferetti@ira.bo.cnr.it
- Ferland Gary Joseph**  
Dpt Phys/Astronomy  
Univ Kentucky  
Lexington KY 40506 0055  
USA  
☎ 1 606 257 8795  
① 1 606 323 2846  
✉ gary@asta.pa.uky.edu
- Ferlet Roger**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8074  
① 33 1 44 32 8001  
✉ ferlet@iap.fr
- Ferluga Steno**  
Dpt Astronomia  
Univ d Trieste  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 763 912  
① 39 040 309 418
- Fernandez Jean-Claude**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3011  
① 33 4 92 00 3033
- Fernandez Julio A**  
Dpt Astronomia  
Fac Humani/Ciencia  
Tristan Naraja 1674  
Montevideo 11200  
Uruguay  
☎ 598 2 419 087/089  
① 598 2 409 973
- Fernandez Silvia M**  
Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 423 0491  
① 54 351 421 0613  
✉ silfer@oac.uncor.ar
- Fernandez-Figueroa M J**  
Dpt Astrofisica  
Fac Fisica  
Univ Complutense  
E 28040 Madrid  
Spain  
☎ 34 1 449 5316  
① 34 1 394 5195
- Fernie J Donald**  
David Dunlap Observ  
Univ Toronto  
Box 360  
Richmond Hill ON L4C 4Y6  
Canada  
☎ 1 905 884 9562  
① 1 905 884 2672  
✉ fernie@astro.utoronto.ca
- Ferrandiz Jose Manuel**  
Dpt Matematica Aplicada  
Universidad de Alicante  
PO Box 99  
E 03080 Alicante  
Spain  
☎ 34 965 90 3731  
① 34 965 90 3804  
✉ jm.ferrandiz@ua.es
- Ferrando Philippe Robert**  
DAPNIA/ Service  
d'Astrophysique  
Bat 709 Orme des Merisiers  
CEA/Saclay  
F 91191 Gif/Yvette Cedex  
France  
☎ 33 1 69 08 4438  
① 33 1 69 08 6577  
✉ pferrando@cea.fr
- Ferrari Attilio**  
Dpt Fisica Generale  
Univ d Torino  
Via P Giuria 1  
I 10125 Torino  
Italy  
☎ 39 011 670 7457  
① 39 011 670 7457  
✉ ferrari@to.astro.it
- Ferrari Cecile**  
SAP DAPNIA DSM CEA  
Saclay  
Bat 709  
Orme des Merisiers  
F 91191 Gif/Yvette  
France  
☎ 33 1 69 08 7829  
① 33 1 69 08 6577  
✉ cferrari@cea.fr
- Ferrario Lilia**  
Dpt Mathematics, SMS  
Australian National  
University  
Canberra ACT 0200  
Australia  
☎ 61 2 6249 0346  
① 61 2 6249 4984  
✉ lilia@maths.anu.edu.au
- Ferraz-Mello Sylvio**  
IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599\*218  
① 55 11 577 0270/276 3848  
✉ sylvio@usp.br  
✉ sylvio@iagusp.usp.br
- Ferrer Martinez Sebastian**  
Dpt Fis Tierra/Cosmos  
Univ Zaragoza  
E 50009 Zaragoza  
Spain  
☎ 34 7 676 1000  
① 34 7 676 1140
- Ferrer Osvaldo Eduardo**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 4217 308  
① 54 221 4211 761  
✉ oferrer@fcaglp.unlp.edu.ar
- Ferreri Walter**  
Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9000  
① 39 011 461 9030
- Ferriere Katia M**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2943  
① 33 5 61 33 2840  
✉ ferriere@obs-mip.fr
- Ferrin Ignacio**  
Dpt Fisica  
Univ Los Andes  
Merida 5101 A  
Venezuela  
☎ 58 7 463 9930/7477  
① 58 7 444 1723
- Ferrini Federico**  
Dpt Fisica  
Univ d Pisa  
Piazza Torricelli 2  
I 56100 Pisa  
Italy  
☎ 39 050 911 279  
① 39 050 48 277  
✉ federico@astr2pi.difi.it
- Ferriz-Mas Antonio**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
① 34 2 240 5646/405 501  
✉ afm@ll.iac.es
- Ferro Ramos Isabel**  
Apt P 1517  
Carmelitas 1010  
Caracas  
Venezuela  
✉ iferro@skynet.usb.ve

**Fesen Robert A**

Dpt Phys/Astronomy  
Dartmouth College  
6127 Wilder Lab  
Hanover NH 03755  
USA

☎ 1 603 646 2949

📞 1 603 646 1446

✉ fesen@  
parsec.dartmouth.edu

**Festou Michel C**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France

☎ 33 5 61 25 2101

📞 33 5 61 27 3179

✉ festou@astro.obs-mip.fr

**Fey Alan Lee**

USNO  
Code EO  
3450 Massachusetts Av NW  
Washington DC 20392 5420  
USA

☎ 1 202 762 1517

📞 1 202 762 1563

✉ afey@alf.usno.navy.mil

**Feynman Joan**

CALTECH/JPL  
MS 169 506  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA

☎ 1 818 354 2881

📞 1 818 393 6030

✉ jfeynman@  
jplsp.jpl.nasa.gov

**Fiala Alan D**

USNO  
Astron Applications Dpt  
3450 Massachusetts Av NW  
Washington DC 20392 5420  
USA

☎ 1 202 653 1274

📞 1 202 653 0179

✉ adf@  
newcomb.usno.navy.mil

**Ficarra Antonino**

Istt Radioastronomia  
CNR  
Via P Gobetti 101  
I 40129 Bologna  
Italy

☎ 39 051 639 9385

📞 39 051 639 9385

✉ tonio@ira.bo.cnr.it

**Fich Michel**

Physics Dpt  
Univ Waterloo  
Waterloo ON N2L 3G1  
Canada

☎ 1 519 885 1572

📞 1 519 746 8115

**Fichtel Carl E**

NASA GSFC  
Code 660  
Greenbelt MD 20771  
USA

☎ 1 301 286 6281

✉ fichtel@  
ileavx.gsfc.nasa.gov

**Fichtner Horst**

Inst Theor Physik IV  
Weltraum und Astrophysik  
Ruhr-Universitaet Bochum  
D 44780 Bochum  
Germany

☎ 49 234 322 3786

📞 49 234 321 4177

✉ hf@  
tp4.rahr-unr-bochum.de

**Fiebig Dirk**

Buchenweg 30  
D 69221 Dossenheim  
Germany

✉ dirk.fiebig@t-online.de

**Fiedler Ralph L**

NRL  
Code 4210  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA

☎ 1 202 767 0644

✉ fiedler@rira.nrl.navy.mil

**Fiedler Russell**

Mathematics Dpt  
Univ St Andrews  
St Andrews North Haugh  
Fife KY16 9SS  
UK

☎ 44 13 34 7661

📞 44 13 34 74487

**Field George B**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA

☎ 1 617 495 4721

📞 1 617 495 7093

✉ gfield@cfa.harvard.edu

**Fielder Gilbert**

Willow Tree  
Eldroth Austwick  
Lancaster LA2 8AH  
UK

**Fienberg Richard T**

Sky/Telescope  
Box 9111  
Belmont MA 02178 9111  
USA

☎ 1 617 864 7360

📞 1 617 864 6117

✉ rfienberg@skypub.com

**Fierro Julieta**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico

☎ 52 5 622 3906

📞 52 5 616 0653

✉ julieta@  
astroscu.unam.mx

**Figueras Francesca**

Dpt Astronom Meteo  
Univ Barcelona  
Avd Diagonal 647  
E 08028 Barcelona  
Spain

☎ 34 3 402 1125

📞 34 3 402 1133

✉ d3faffs0@eb0ub011

**Filipov Latchezar**

Ins Space Res  
Bulgarian Acad Sci  
Moskova St 6  
BG 1000 Sofia  
Bulgaria

☎ 359 2 97 93422

📞 359 2 98 13347

✉ lfilipov@bgcict.acad.bg

**Filippenko Alexei V**

Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA

☎ 1 510 642 1813

📞 1 510 642 3411

✉ alex@astro.berkeley.edu

**Fillion Jean-Hugues**

Observ  
DAMAP  
PI J Janssen  
F 92195 Meudon PI Cdx  
France

☎ 33 1 45 07 7555

📞 33 1 45 07 7121

✉ jean-hughes.fillion@  
lamap.u-cergy.fr

**Filloy Emilio Manuel E E**

IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina

☎ 54 221 4 3793

📞 54 221 211 761

**Fink Uwe**

Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA

☎ 1 520 621 2736

📞 1 520 621 4933

**Finkelstein Andrej M**

Inst Appl Astronomy  
Acad Sciences  
Zhdanovskaya Ul 8  
197042 St Petersburg  
Russia

☎ 7 812 230 7414

📞 7 812 230 7413

**Finn Lee Samuel**

Dpt Physics  
Pennsylvania State Univ  
104 Davey Laboratory  
University Park PA 16802  
USA

☎ 1 814 863 9605

📞 1 814 863 9608

✉ LSF5@PSU.Edu

**Finzi Arrigo**

Mathematics Dpt  
IIT  
Technion City  
Haifa 32000  
Israel

☎ 972 4 293 020

**Firmani Claudio A**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
☎ 52 5 616 0653  
✉ firmani@  
aleph.cinstrum.unam.mx

**Firneis Friedrich J**

Comp Ctr Acad Sci  
Sonnenfelgasse 19/1  
A 1010 Wien  
Austria

**Firneis Maria G**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 850  
☎ 43 1 427 795 18  
✉ firneis@  
astro.univie.ac.at

**Firor John W**

HAO  
NCAR  
Box 3000  
Boulder CO 80307 3000  
USA  
☎ 1 303 497 1600  
☎ 1 303 497 1568

**Fischel David**

6072 Warm Stone Ct  
Columbia MD 21045  
USA  
☎ 1 410 730 8660  
☎ 1 410 730 8660  
✉ dfischel@eosat.com

**Fischer Jacqueline**

NRL  
Remote Sensing Div 7217  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 3058  
☎ 1 202 404 8894  
✉ jfischer@  
irfp8.nrl.navy.mil

**Fischer Stanislav**

Astron Inst  
Czech Acad Sci  
Bocni li 1401  
CZ 141 31 Praha 4  
Czech Rep  
☎ 420 2 67 10 3062  
☎ 420 2 76 90 23  
✉ fischer@ig.cas.cz

**Fisher George Hewitt**

Space Sci Laboratory  
Univ California  
Grizzly Peak Blvd  
Berkeley CA 94720 7950  
USA  
☎ 1 510 642 7297  
☎ 1 510 643 8302  
✉ finsher@  
sunspot.ssl.berkeley.edu

**Fisher J Richard**

NRAO  
Box 2  
Green Bank WV 24944  
USA  
☎ 1 304 456 2011  
☎ 1 304 456 2271

**Fisher Philip C**

Ruffner Associates  
Box 1867  
Santa Fe NM 87504 1867  
USA

**Fisher Richard R**

NASA GSFC  
Code 682  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8811

**Fishman Gerald J**

NASA MSFC  
Space Science Lab  
Code ES 81  
Huntsville AL 35812  
USA  
☎ 1 205 544 7691  
☎ 1 205 544 5800  
✉ fishman@  
ssl.msfc.nasa.gov

**Fitch Walter S**

Box 100  
Oracle AZ 85623  
USA  
☎ 1 602 896 2911

**Fitton Brian**

ESA/ESTEC  
Astrophysics Div  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 6555  
☎ 31 71 565 4532

**Fitzpatrick Edward L**

Univ Villanova  
Dpt Astronomy &  
Astrophysics  
800 Lancaster Av  
Villanova PA 19085  
USA  
☎ 1 610 519 4820  
☎ 1 610 519 6132  
✉ fitz@astro.vill.edu

**Fitzsimmons Alan**

Physics Dpt  
Queen's Univ  
Belfast BT7 1NN  
UK  
☎ 44 12 32 273 124  
☎ 44 12 32 438 918  
✉ a.fitzsimmons@  
qub.ac.uk

**Fix John D**

Dpt Phys/Astronomy  
Univ Iowa  
605 Brookland Park Dr  
Iowa City IA 52242 1479  
USA  
☎ 1 319 353 7064  
☎ 1 319 335 1753

**Flanagan Claire Susan**

Hartebeesthoek RAO  
FRD  
PO Box 443  
1740 Krugersdorp  
South Africa  
☎ 27 11 642 4692  
☎ 27 11 642 2424  
✉ claire@  
bootes.hartrao.ac.za

**Flannery Brian Paul**

Exxon Res/Eng  
Route 22 East  
Annandale NJ 08801  
USA  
☎ 1 201 730 2540

**Fleck Bernhard**

NASA/GSFC  
ESA Space Science Dpt  
Code 682.3  
Greenbelt MD 20771  
USA  
☎ 1 301 286 4098  
☎ 1 301 286 0264  
✉ bfleck@  
esa.nascom.nasa.gov

**Fleck Robert Charles**

Dpt Math/Phys Sci  
Embry Riddle Aeron Univ  
Daytona FL 32114  
USA  
☎ 1 904 226 6612  
☎ 1 904 226 6713  
**Fleischer Robert**  
108 Overlook St  
Route 2 Box 515  
Moorefield WV 26836  
USA

**Fleming Thomas Anthony**

Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 5049  
☎ 1 520 621 1532  
✉ taf@as.arizona.edu

**Fletcher J Murray**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 363 0017  
☎ 1 250 363 0045  
✉ murray.fletcher@  
hia.nrc.ca

**Fliegel Henry F**

Box 8682  
La Crescenta CA 91224  
USA  
☎ 1 310 336 1710  
☎ 1 310 336 5076  
✉ fliegel@  
courier1.aero.org



**Flin Piotr**

Inst Physics  
Pedagogical Univ  
ul. M. Kononickiej 15  
25 - 406 Kielce  
Poland  
☎ 48 41 362 6452  
☎ 48 41 362 6452  
✉ sfflin@cyf-kr.edu.pl

**Floquet Michele**

Observ  
DASGAL  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7851  
☎ 33 1 45 07 7872  
✉ Michele.Floquet@  
obspm.fr

**Floria Luis**

Gr Mecan Espacial  
Univ Zaragoza  
E 50009 Zaragoza  
Spain  
☎ 34 7 676 1000  
☎ 34 7 676 1140

**Florides Petros S**  
TCD

Physics Dpt  
College Greem  
Dublin 2  
Ireland  
☎ 353 1 608 1675  
☎ 353 1 671 1759

**Florkowski David R**

12432 - 304 Great Park  
Circle  
Germantown MD 20876  
USA  
☎ 1 202 528 7197  
✉ docdavedrf@  
zdnetwork.com

**Forsch Alphonse**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0735  
☎ 33 3 88 25 0160  
✉ marqueriteforsch@  
minitel.net

**Flower David R**

Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 145  
☎ 44 19 13 743 749  
✉ david.flower@  
durham.ac.uk

**Fludra Andrzej**

Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 446 497  
☎ 44 12 35 446 509  
✉ af@ast.star.rl.ac.uk

**Flynn Chris**

Turku Univ  
Tuorla Observ  
Vaesisaelaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 274 4244  
☎ 358 2 243 3767  
✉ cflynn@astro.utu.fi

**Focardi Paola**

Osserv Astronom  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 401  
☎ 39 051 259 407

**Fodera Serio Giorgia**

Osserv Astronomico  
Univ d Palermo  
Piazza Parlamento 1  
I 90134 Palermo  
Italy  
☎ 39 09 165 70451  
☎ 39 09 148 8900

**Fofi Massimo**

OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 347 056  
☎ 39 06 349 8236  
✉ fofi@oarhp1.rm.astro.it

**Fogarty William G**

IBM  
NCMD  
411 East Wisconsin Av  
Milwaukee WI 53202  
USA

**Foing Bernard H**

ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 5647  
☎ 31 71 565 4698  
✉ bfoing@estec.esa.nl

**Foing-Ehrenfreund Pascale**

Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5872  
☎ 31 71 527 5819  
✉ pascale@  
ruhl1.leidenuniv.nl

**Foley Anthony**

NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
☎ 31 521 59 7332  
✉ folred@nfra.nl

**Folini Doris**

ETH Zentrum  
CH 8092 Zurich  
Switzerland  
☎ 41 1 632 3633  
☎ 41 1 632 1205  
✉ folini@astro.phys.eth.ch

**Foltz Craig B**

Mult Mirror  
Telescope Obs  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 1269  
☎ 1 520 621 4933  
✉ cfoltz@as.arizona.edu

**Fomalont Edward B**

NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 772 4011  
☎ 1 505 835 7027

**Fomenko Alexandr F**

SAO  
Acad Sciences  
Nizhnij Arkhzy  
357147 Karachaevo  
Russia  
☎ 7 878 789 2501

**Fomichev Valeri V**

ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 334 0120  
☎ 7 095 334 0124

**Fomin Piotr Ivanovich**

Metrologicheskaya St 14b  
252143 Kyiv  
Ukraine

**Fomin Valery A**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
☎ 7 812 315 1701  
✉ fominva@mail.ru

**Fomin Valery**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71625  
☎ 380 6554 40704  
✉ fomin@crao.crimea.ua

**Fominov Alexandr M**

Inst Applied Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 275 1024  
☎ 7 812 275 1119  
✉ fominov@  
quasar.ipa.nw.ru

**Fong Chugang**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618  
✉ fcg@center.shao.ac.cn

**Fong Richard**

Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 157  
① 44 19 13 743 749

**Fontaine Gilles**

Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 6680  
① 1 514 343 2071

**Fontenla Juan Manuel**

NASA MSFC  
Space Science Lab  
Code ES 52  
Huntsville AL 35812  
USA  
☎ 1 205 544 7690  
① 1 205 547 7754

**Forbes Douglas**

Sir Wilfred Grenfell Coll  
Memorial Univ  
Newfoundland  
Corner Brook NF A2H 6P9  
Canada  
☎ 1 709 637 6295  
① 1 709 637 6390  
✉ dforbes@beothuk.swgc.mun.ca

**Forbes Duncan Alan**

School Phys/Astron  
Univ Birmingham  
Edgbaston  
Birmingham B15 2TT  
UK  
☎ 44 12 14 146 474  
① 44 12 14 143 722  
✉ forbes@star.sr.bham.ac.uk

**Forbes J E**

Centre for Astrophysics  
Swinburne University  
App Sci Build Rm AS418  
Hawthorn VIC 3122  
Australia  
☎ 61 3 9214 4392  
① 61 3 9214 8797  
✉ dforbes@swin.edu.au

**Forbes Terry G**

Space Science Ctr/EOS  
Univ New Hampshire  
Demeritt Hall  
Durham NH 03857  
USA  
☎ 1 603 862 3872  
✉ t\_forbes@unhh

**Ford Holland C Res**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 516 8653  
① 1 410 516 8260  
✉ forbes@star.sr.bham.ac.uk

**Ford Jr W Kent**

Dpt Terrestr Magnetism  
Carnegie Inst Washington  
5241 Bd Branch Rd NW  
Washington DC 20015 1305  
USA  
☎ 1 202 966 0863  
① 1 202 364 8726

**Forestini Manuel**

Observ  
Lab Astrophysique  
BP 53x  
F 38041 S Martin Heres Cdx  
France  
☎ 33 4 76 63 5620  
① 33 4 76 44 8821  
✉ manuel.forestini@obs.ujf-grenoble.fr

**Forman William Richard**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7210  
✉ wrf@cfa200.harvard.edu

**Forrest William John**

Dpt Phys/Astronomy  
Univ Rochester  
Rochester NY 14627 0171  
USA  
☎ 1 716 275 4343  
① 1 716 275 4351  
✉ forrest@pas.rochester.edu

**Forster James Richard**

Hat Creek Radio Observ  
RT 2  
Box 500  
Cassel CA 96016  
USA  
☎ 1 916 335 2364  
① 1 916 335 3968

**Fort Bernard P**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8016  
① 33 1 44 32 8001  
✉ fort@iap.fr

**Fort David Norman**

CALTECH/JPL  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 9132  
① 1 818 393 6030

**Forte Juan Carlos**

Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
① 54 221 421 1761  
✉ forte@iafe.uba.ar

**Forti Giuseppe**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2236  
① 39 055 220 039  
✉ forti@arcetri.astro.it

**Fortini Teresa**

Via f D Guerrazzi 19  
I 00152 Roma  
Italy

**Forveille Thierry**

Observ  
Lab Astrophysique  
BP 53x  
F 38041 S Martin Heres Cdx  
France  
☎ 33 4 76 51 4215  
① 33 4 76 44 8821  
✉ thierry.forveille@obs.ujf-grenoble.fr

**Foryta Dietmar William**

Dpt Fisica  
Univ Fed d Parana  
CP 19081  
81531 990 Curitiba  
Brazil  
☎ 55 41 366 2323  
① 55 41 267 4236  
✉ foryta@fisica.ufpr.br

**Fosbury Robert A E**

ESO  
ST/ECF  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6235  
① 49 893 202 362

**Fossat Eric**

UMR 6525, Astrophysique  
Universite de Nice  
Parc Valrose  
F 06108 Nice Cdx 2  
France  
☎ 33 4 92 07 6343  
① 33 4 92 07 6321  
✉ Eric.FOSSAT@unice.fr

**Foster Roger S**

NRL  
Code 7210  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 0669  
① 1 202 404 8894  
✉ foster@rira.nrl.navy.mil

**Foukal Peter V**

CRI Inc  
80 Ashford St  
Boston MA 02134  
USA  
☎ 1 617 787 5700  
① 1 617 787 4488  
✉ pfoukal@world.std.com

**Fouque Pascal**

European Southern Observ  
Casilla 19001  
Santiago 19  
Chile  
☎ 56 2 228 5006  
📞 56 2 228 5132  
✉ pfouque@eso.org

**Fox Kenneth**

Dpt Phys/Astronomy  
Univ Tennessee  
503 Physics  
Knoxville TN 37996 1200  
USA  
☎ 1 615 974 2288

**Fox W E**

British Astron Ass  
40 Windsor Rd  
Newark Nottinghamshire  
UK  
☎ 44 163 670 4932

**Foy Renaud**

Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 86 8546  
📞 33 4 78 86 8386  
✉ foy@  
image.univ-lyon1.fr

**Frail Dale Andrew**

NRAO  
VLA  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7338  
📞 1 505 835 7027  
✉ d.frail@nrao.edu

**Fraix-Burnet Didier**

Observ  
Lab Astrophysique  
BP 53  
F 38041 Grenoble Cedex 9  
France  
☎ 33 4 76 63 5727  
📞 33 4 76 44 8821  
✉ fraix@  
obs.ujf-grenoble.fr

**Franceschini Alberto**

Dpt Fisica G Galilei  
Univ d Padova  
Via Marzolo 8  
I 35131 Padova  
Italy  
☎ 39 049 844 111  
📞 39 049 844 245

**Franchini Mariagrazia**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
📞 39 040 30 9418

**Francis Paul**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 2 6279 8039  
📞 61 2 6249 0233  
✉ pfrancis@  
mso.anu.edu.au

**Franco Jose**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📞 52 5 548 0653  
✉ jjfranco@  
alfa.astroscu.unam.mx

**Franco Mantovani**

Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9385  
📞 39 051 639 9385

**Francois Patrick**

Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 97 7867  
📞 33 1 45 07 7872  
✉ Patrick.Francois@  
obspm.fr

**Frandsen Soeren**

Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 86 12 8899  
📞 45 86 20 2711

**Frank Juhan**

Dpt Phys/Astronomy  
Louisiana State Univ  
Baton Rouge LA 70803 4001  
USA  
☎ 1 225 388 6845  
📞 1 225 388 5855  
✉ frank@rouge.phys.lsu.edu

**Franklin Fred A**

Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7230  
📞 1 617 495 7356

**Fransson Claes**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 716 4469  
📞 46 8 717 4719  
✉ claes@astro.su.se

**Franx Marijn**

Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5870  
📞 31 71 527 5819  
✉ franx@  
strw.leidenuniv.nl

**Franz Otto G**

Lowell Observ  
1400 W Mars Hill Rd  
Box 1149  
Flagstaff AZ 86001  
USA  
☎ 1 520 774 3358  
📞 1 520 774 6296  
✉ ogf@lowell.edu

**Frasca Antonio**

via Gramsci 8  
I 95030 Gravina di Catania  
Italy  
☎ 39 095 733 2240  
📞 39 095 330 592  
✉ afr@sunct.ct.astro.it

**Fraser Brian D**

PO Box 28210  
Kensington 2001  
South Africa  
☎ 27 11 871 0370  
📞 27 11 871 0370  
✉ brian.fraser@  
macsteel.co.za

**Frater Robert H**

CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
📞 61 2 868 0310

**Frazier Edward N**

TRW Space/Technology  
1 Space Park  
Redondo Beach CA 90278  
USA  
☎ 1 213 535 4723

**Fredga Kerstin**

Swedish Ntl Space Board  
Box 4006  
SE 171 04 Solna  
Sweden  
☎ 46 8 627 6486  
📞 46 8 627 6480

**Fredrick Laurence W**

Univ Station  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
0818  
USA  
☎ 1 804 924 7494  
📞 1 804 924 3104  
✉ lwf@virginia.edu

**Freedman Wendy L**

Carnegie Observ  
813 Santa Barbara St  
Pasadena CA 91101 1292  
USA  
☎ 1 626 304 0204  
📞 1 626 795 8136  
✉ wendy@ociw.edu

**Freeman Kenneth C**  
MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 26 249 0264  
① 61 26 249 0260  
✉ kcf@mso.anu.edu.au

**Freire Ferrero Rubens G**  
Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0736  
① 33 3 88 25 0160  
✉ freire@  
cdsxb6.u-strasbg.fr

**Freitas Mourao R r**  
Av de Execito 105  
San Cristovao  
20910 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7154\*7204  
① 55 21 580 0332

**French Richard G**  
Dpt Earth/Planet Sci  
MIT Rm 54 422  
77 Massachussets Ave  
Cambridge MA 02139  
USA  
☎ 1 617 253 3392

**Frenk Carlos S**  
Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 141  
① 44 19 13 743 749

**Fresneau Alain**  
Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0737  
① 33 3 88 25 0160  
✉ fresneau@  
astro.u-strasbg.fr

**Freudling Wolfram**  
ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6425  
① 49 893 200 6480  
✉ wfreudli@eso.org

**Friberg Per**  
Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 969 6522  
① 1 808 961 6516  
✉ friberg@  
jach.hawaii.edu

**Fricke Klaus**  
Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany  
☎ 49 551 39 5051  
① 49 551 395 043  
✉ kfricke@  
uni-sw.gwdg.de

**Fridlund Malcolm**  
ESA/ESTEC  
Astrophysics Div  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 4768  
① 31 71 565 4690  
✉ mfridlun@  
astro.estec.esa.nl

**Fridman Aleksey M**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
① 7 095 230 2081  
✉ iaas@node.ias.msk.su

**Fried Josef Wilhelm**  
MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 8287  
① 49 622 152 8246  
✉ fried@mpia-hd.mpg.de

**Friedjung Michael**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8111  
① 33 1 44 32 8001  
✉ friedjung@iap.fr

**Friedlander Michael**  
Physics Dpt  
Washington Univ  
Campus Box 1105  
St Louis MO 63130  
USA  
☎ 1 314 889 6279  
① 1 314 935 4083

**Friedli Daniel**  
Dpt d Physique  
Universite Laval  
Ste Foy QC G1K 7P4  
Canada  
☎ 1 418 656 2131  
① 1 418 656 2040  
✉ dfriedli@phy.ulaval.ca

**Friedman Scott David**  
Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 338 5317  
① 1 410 338 5494

**Friel Eileen D**  
NSF  
Div Astron Sci  
4201 Wilson Blvd  
Arlington VA 22230  
USA  
☎ 1 703 292 4895  
① 1 703 292 9034  
✉ efriel@nsf.gov

**Friend David B**  
Dpt Phys/Astronomy  
Univ Montana  
Missoula MT 59812  
USA  
☎ 1 406 243 2073  
① 1 406 243 40766

**Fringant Anne-Marie**  
Observ  
61 Av Observatoire  
F 75014 Paris  
France

**Frisch Helene**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3038  
① 33 4 92 00 3033  
✉ Helene.FRISCH@  
obs-nice.fr

**Frisch Priscilla**  
Astronomy/Astrophys Ctr  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 702 0181  
① 1 312 702 8211  
✉ frisch@  
oddjob.uchicago.edu

**Frisch Uriel**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3035  
① 33 4 92 00 3033  
✉ Uriel.FRISCH@  
obs-nice.fr

**Frisk Urban**  
Swedish Ntl Space Board  
Box 4006  
SE 171 04 Solna  
Sweden  
☎ 46 8 627 6200  
① 46 8 627 6480

**Fritze Klaus**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9202  
① 49 331 749 9200  
✉ kfritze@aip.de

**Fritze-von Alvensleben Uta**  
Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany  
☎ 49 551 395 049  
① 49 551 395 043  
✉ ufritze@uni-sw.gwdg.de

**Fritzova-Svestka L**  
Dopperstraat 147  
NL 3752 JC Bunschoten  
Netherlands  
☎ 31 34 998 4403

**Froehlich Claus**  
World Radiation Ctr  
Physikalisch meteorol Obs  
Posfach 173  
CH 7260 Davos Dorf  
Switzerland  
☎ 41 81 462 131

**Froeschle Christiane D**  
OCA  
Observ Nice  
BP 4229  
F 06003 Nice Cdx 4  
France  
☎ 33 4 90 00 3036  
① 33 4 92 00 3033

**Froeschle Claude**  
OCA  
Observ Nice  
BP 4229  
F 06003 Nice Cdx 4  
France  
☎ 33 4 92 00 3024  
① 33 4 92 00 3033

**Froeschle Michel**  
OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 35 5849  
① 33 4 93 40 5353  
✉ michel.froeschle@  
obs-nice.fr

**Froegel Jay Albert**  
Astronomy Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 292 5651  
① 1 614 292 2928  
✉ froegel@ohio-state.edu

**Frolov Mikhail S**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
① 7 095 230 2081  
✉ samus@sai.msu.ru

**Frost Kenneth J**  
NASA GSFC  
Code 600 2  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8824

**Fruchter Andrew S**  
STScI  
3700 San Martin Drive  
Baltimore MD 21210  
USA  
☎ 1 410 338 5018  
① 1 410 338 4767  
✉ fruchter@stsci.edu

**Fruscione Antonella**  
Ctr for EUV Astrophys  
Univ California  
2150 Kittredge St  
Berkeley CA 94720 5030  
USA  
☎ 1 510 643 6484  
① 1 415 643 5660  
✉ antonella@  
cea.berkeley.edu

**Frye Glenn M**  
Physics Dpt  
CWRU  
Rock Bdg  
Cleveland OH 44106  
USA  
☎ 1 216 368 2997

**Ftaclas Christ**  
Perkin Elmer Corp  
MS 897  
100 Wooster Heights Rd  
Danbury CT 06810 7859  
USA  
☎ 1 203 797 6448

**Fu Chengqi**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618

**Fu Delian**  
Beijing Astron Observ  
CAS  
W Suburb  
W Suburb  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6488 8704

**Fu Yanning**  
Purple Mountain Observ  
2 West Beijing Road  
Nanjing 210008  
China PR  
☎ 86 25 3737 821  
① 86 25 3301 459  
✉ fyn@pmo.ac.cn

**Fuchs Burkhard**  
ARI  
Moenchstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 5126  
① 49 622 140 5297  
✉ fuchs@  
ari.uni-heidelberg.de

**Fuenmayor Francisco J**  
Dpt Fisica  
Univ Los Andes  
Merida 5101 A  
Venezuela  
☎ 58 7 463 9930/7477  
① 58 7 444 1723

**Fuensalida Jimenez J**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
① 34 2 260 5210

**Fuente Asuncion**  
Observ  
Nacional  
Apt 1143  
E 28800 Alcalá d Henares  
Spain  
☎ 34 1 885 5060  
① 34 1 885 5062  
✉ fuente@oan.es

**Fuerst Ernst**  
RALUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 0  
① 49 228 525 229

**Fuhr Jeffrey Robert**  
NIST  
DCATP  
Gaithersburg MD 20899  
USA  
☎ 1 301 975 3204  
① 1 301 990 1350  
✉ fuhr@atm.nist.gov

**Fujimoto Masa-Katsu**  
Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5111  
① 81 422 34 3793  
✉ fujimoto@  
gravity.mtk.nao.ac.jp

**Fujimoto Masayuki**  
Hokkaido University  
Dpt Physics  
Kita Nishi 8  
60 Sapporo Hokkaido  
Japan  
☎ 81 11 706 3481  
① 81 11 727 3498  
✉ fujimoto@  
physics.hokudai.ac.jp

**Fujimoto Mitsuaki**  
Physics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 527 89 2840  
① 81 527 89 2845

**Fujishita Mitsumi**  
Kyushu Tokai Univ  
9 1 1 Toroku  
Kumamoto 862  
Japan  
☎ 81 963 86 2659  
① 81 96 381 7956  
✉ mfuji@  
kmail.ktokai-u.ac.uk

**Fujita Yoshio**

Astronomy Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 423 74 4186  
① 81 338 13 9439

**Fujita Yutaka**

Dpt Earth / Space Science  
Grad School Science  
Osaka Univ,  
Machikaneyama-cho  
Toyonaka, Osaka  
Japan  
☎ 81 6 850 5483  
① 81 6 850 5504  
✉ fujita@  
vega.ess.sci.osaka-u.ac.jp

**Fujiwara Akira**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 51 3911  
① 81 427 59 4253  
✉ fujiwara@  
planeta.sci.isas.ac.jp

**Fujiwara Takao**

Kyoto City Univ Arts  
Nishikyo Ku  
Kyoto 610 11  
Japan  
☎ 81 753 32 0701  
① 81 75 332 0709  
✉ Fujiwara@kcuu.ac.jp

**Fukuda Ichiro**

Kanazawa Techn Inst  
7 1 Ogigaoka  
Nonoichimachi  
Ishikawa 921  
Japan  
☎ 81 762 48 1100

**Fukue Jun**

Astron Inst  
Osaka Kyoiku Univ  
4 88 Minamikawahoricho  
Osaka 543  
Japan  
☎ 81 729 76 3211 \*3124  
① 81 729 76 3269

**Fukugita Masataka**

Inst Cosmic Ray Res  
Univ Tokyo  
Kashiwanoha 5- 1- 5,  
Kashiwa  
Chiba 277- 8582  
Japan  
☎ 81 6 850 5483  
① 81 6 850 5504  
✉ fukugita@  
icrr.u-tokyo.ac.jp

**Fukui Takao**

Dpt Liberal Arts  
Dokkyo Univ  
1 1 Gakuencho  
Soka Saitama 340  
Japan  
☎ 81 489 42 1111  
① 81 489 41 6621

**Fukui Yasuo**

Physics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 527 815 1111  
① 81 527 89 2845  
✉ fukui@  
a.phys.nagoya-u.ac.jp

**Fukunaga Masataka**

Astron Inst  
Tohoku Univ  
Sendai Aoba  
Miyagi 980  
Japan  
☎ 81 222 22 1800  
① 81 22 262 6609

**Fukushige Toshiyuki**

Dpt General Systems Studies  
College Arts & Sciences,  
Univ Tokyo  
3-8-1 Komaba, Meguso-Ku  
Tokyo 153  
Japan  
☎ 81 3 5454 6611  
① 81 3 3465 3925  
✉ fukushig@  
provence.c.u-tokyo.ac.jp

**Fukushima Toshio**

Astrometry Cel Mech Div  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3613  
① 81 422 34 3793  
✉ toshio@  
spacetime.mtk.nao.ac.

**Fulchignoni Marcello**

Observ  
DESPA  
PJ J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7539  
① 33 1 45 07 7971

**Fulle Marco**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
① 39 040 30 9418  
✉ fulle@ts.astro.it

**Fuller Gary A**

Dpt Physics  
UMIST  
Box 88  
Manchester M60 IQD  
UK  
☎ 44 161 200 3653  
① 44 161 200 4303  
✉ G.Fuller@UMIST.ac.uk

**Fullerton Alexander W**

Dpt Physics / Astron  
The Johns Hopkins Univ  
3400 N Charles St  
Baltimore MD 21218  
USA  
☎ 1 410 516 5226  
① 1 410 516 5454  
✉ awf@pha.jhu.edu

**Funato Yoko**

Dpt General Systems Studies  
Graduate Div International &  
Interdisciplinary Studies  
Univ Tokyo, 3-8-1 Komaba,  
Meguso-Ku  
Tokyo 153  
Japan  
☎ 81 3 3465 3925  
① 81 3 3465 3925  
✉ funato@  
chianti.c.u-tokyo.ac.jp

**Furniss Ian**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
① 44 171 380 7145

**Fursenko Margarita A**

Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 278 8898  
① 7 812 272 7968  
✉ 1118@iipah.spb.ru

**Fusco-Femiano Roberto**

IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
① 39 06 206 60188  
✉ dario@  
saturn.rm.fra.cnr.it

**Fu-Shong Kuo**

Physics Dpt  
Ntl Central Univ  
Chung Li Taiwan 32054  
China R  
☎ 886 3 426 2302  
① 886 3 426 2304

**Fusi Pecci Flavio**

Dpt Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 301  
① 39 051 259 407

**Fux Roger M**

Mount Stromlo Observ  
Cotton Road  
Weston Creek P O  
Canberra ACT 2611  
Australia  
☎ 61 2 6249 0285  
① 61 2 6249 0260  
✉ fux@mso.anu.edu.au

## G

**Gabriel Alan H**  
IAS  
Bt 121  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 85 8500  
📠 33 1 69 85 8675

**Gabriel Maurice R**  
Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
📠 32 4 254 7511  
✉ gabriel@astro.ulg.ac.be

**Gabuzda Denise C**  
Joint Inst VLBI in Europe  
Box 2  
NL 7991 PD Dwingeloo  
Netherlands  
☎ 31 521 59 6500  
📠 31 521 59 7332  
✉ gabuzda@jive.nl

**Gadsden Michael**  
12 Keir St  
Perth PH2 7HJ  
UK

**Gaetz Terrance J**  
Cfa  
HCO/SAO MS 81  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7584  
📠 1 617 495 7356  
✉ gaetz@cfa.harvard.edu

**Gahm Goesta F**  
Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 717 0637  
📠 46 8 717 4719  
✉ gahm@astro.su.se

**Gaignebet Jean**  
OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 36 5849  
📠 33 4 93 40 5353  
✉ Jean.Gaignebet@obs-nice.fr

**Gail Hans-Peter**  
Inst Theor Astrophysik  
d Univer  
Tiergartenstr 15  
D 69121 Heidelberg  
Germany  
☎ 49 622 154 8982  
📠 49 622 154 4221  
✉ gail@ita.uni-heidelberg.de

**Gaisser Thomas K**  
Bartol Res Inst  
Univ Delaware  
Newark DE 19716  
USA  
☎ 1 302 451 8111  
📠 1 302 831 1843

**Gaizauskas Victor**  
NRCC/HIA  
100 Sussex Dr  
Ottawa ON K1A 0R6  
Canada  
☎ 1 613 993 7395  
📠 1 613 952 6602  
✉ vicgz@sp-agency.ca

**Galal A A**  
NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
📠 20 62 21 405 297

**Galan Maximino J**  
M/G Engs  
S Martin de Porres 45  
E 28035 Madrid  
Spain  
☎ 34 1 216 0995

**Galeev Albert A**  
Space Res Inst  
Acad Sciences  
PrBoxsojuznaya U1 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 2588  
📠 7 095 310 7023

**Galeotti Piero**  
Istt Cosmo Geisica  
CNR  
Corso Fiume 4  
I 10133 Torino  
Italy  
☎ 39 011 658 979

**Galibina Irini V**  
Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 278 8898  
📠 7 812 272 7968

**Galindo Trejo Jesus**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📠 52 5 616 0653  
✉ jgal@astrocu.unam.mx

**Gallagher III John S.**  
Dpt. Astronomy  
475 N. Charter Street  
Univ Wisconsin  
Madison WI 53706  
USA  
☎ 1 608 263 2456  
📠 1 608 263 6386  
✉ gallagher@astro.wisc.edu

**Gallardo Castro Carlos Tabare**  
Dpt Astronomia  
Fac Humani/Ciencia  
Tristan Naraja 1674  
Montevideo 11200  
Uruguay  
☎ 598 2 418 004  
📠 598 2 409 973  
✉ gallardo@fisica.edu.uy

**Gallego Juan Daniel**  
Ctr Astron d Yebes  
OAN  
Apt 148  
E 19080 Guadalajara  
Spain  
☎ 34 1 129 0311  
📠 34 11 29 0063  
✉ gallego@cay.oan.es

**Gallet Roger M**  
964 7th St  
Boulder CO 80302  
USA

**Galletta Giuseppe**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3463  
📠 39 049 875 9840  
✉ galletta@pd.astro.it

**Galletto Dionigi**  
Ist Fisica/Matematica  
Univ d Torino  
Via C Alberto 10  
I 10123 Torino  
Italy  
☎ 39 011 539 214

**Galliano Pier Giorgio**  
Istt Elettronico Nle  
St della Cacce 91  
I 10135 Torino  
Italy  
☎ 39 011 348 8933

**Gallino Roberto**  
Istt Fisica  
Univ d Torino  
Corso d Azeglio 46  
I 10125 Torino  
Italy  
☎ 39 011 655 103

**Gallouet Louis**  
Observ  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2207  
① 33 1 44 54 1804

**Galloway David**  
Applied Maths Dpt  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 692 2222  
① 61 2 660 2903

**Galperin Yuri I**  
Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 3122  
① 7 095 310 7023

**Galsgaard Klaus**  
Mathematical Inst  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 1334 76161  
① 44 1334 74487  
✉ klaus@dcs.st-and.ac.uk

**Galt John A**  
DRAO  
NRCC/HIA  
Box 248  
Penticton BC V2A 6K3  
Canada  
☎ 1 250 493 2277  
① 1 250 493 7767

**Galvin Antoinette B**  
EOS  
SSC Morse Hall  
Univ New Hampshire  
Durham NH 03824  
USA  
☎ 1 603 862 3511  
① 1 603 862 0311  
✉ Toni.GALVIN@unh.edu

**Gamaleldin Abdulla I**  
NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 2 556 0046  
① 20 2 554 8020  
✉ gamal@frcu.eun.org

**Gambis Daniel**  
Observ  
DAN  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2226  
① 33 1 40 51 2232  
✉ gambis@obsppm.fr

**Gammelgaard Peter**  
Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 89 42 2899  
① 45 86 12 0740  
✉ pg@obs.aau.dk

**Gan Weiqun**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 331 7874  
① 86 25 330 1459

**Gao Bilie**  
Nanjing Astron  
Instrument Factory  
Box 846  
Nanjing  
China PR  
☎ 86 25 46191  
① 86 25 71 1256

**Gao Buxi**  
Inst Geodesy/  
Geophysics  
Xu Dong Lu  
Wu Han Hubei 430077  
China PR  
☎ 86 27 678 3841  
① 86 27 678 3841  
✉ gbx@asch.whigg.ac.cn

**Gaposchkin Edward M**  
55 Farmcrest Av  
Lexington MA 02173  
USA  
☎ 1 617 862 2538  
✉ gaposche@  
ma.ultranet.com

**Garay Guido**  
Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
① 56 2 229 4002

**Garcia Beatriz Elena**  
National Tech Univ  
Mendoza  
Sci / Tech Secretary  
Rodriguez 273  
5500 Mendoza  
Argentina  
☎ 54 261 423 9237  
✉ bgarcia@frm.utn.edu.ar

**Garcia Domingo**  
Dpt Fisica/Enginyeria  
Univ Barcelona  
Avd Diagonal 647  
E 08028 Barcelona  
Spain  
☎ 34 3 401 7421  
① 34 3 402 1133  
✉ domingo@f-720.upc.es

**Garcia Eduardo Del pozo**  
Inst Geophys/Astron  
C 212 N 2906/29 Y 31  
Lisa  
La Habana  
Cuba  
☎ 537 21 8435

**Garcia Howard A**  
NOAA ERL R/E/SE3  
Space Environment Lab  
325 Broadway  
Boulder CO 80303  
USA  
☎ 1 303 497 3916  
① 1 303 497 3645  
✉ hgarcia@  
solar.stanford.edu

**Garcia Jose I de la rosa**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
① 34 2 232 9117

**Garcia Lambas Diego**  
Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 423 0491  
① 54 351 421 0613  
✉ egiacani@iafe.uba.ar

**Garcia Lopez Ramon J**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
① 34 2 240 5646/405 501  
✉ rgl@iac.es

**Garcia Michael R**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7169  
① 1 617 495 7356  
✉ garcia@  
cfa200.harvard.edu

**Garcia-Barreto Jose A**  
Observ  
UNAM  
Apt 877  
Ensenada BC 22800  
Mexico  
☎ 52 6 174 4580  
① 52 6 174 4607

**Garcia-Berro Enrique**  
Dpt Fisica Aplicada  
U P Cataluna  
Campus Nord Ed C3  
E 08034 Barcelona  
Spain  
☎ 34 3 401 6898  
① 34 3 401 6801  
✉ garcia@etseccpb.upc.es



**Garcia-Burillo Santiago**  
Observ  
Nacional  
Apt 1143  
E 28800 Alcalá de Henares  
Spain  
☎ 34 1 885 5060  
📞 34 1 885 5062  
✉ burillo@oan.es

**Garcia-Pelayo Jose**  
Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 825 6103  
📞 34 5 881 4530

**Gardner Francis F**  
201b Beecr Rd  
Cheltenham NSW 2119  
Australia

**Gardner Jonathan P**  
NASA/GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3938  
📞 1 301 286 1752  
✉ gardner@  
harmony.gsfc.nasa.gov

**Gargaud Muriel**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
📞 33 5 56 40 4251  
✉ gargaud@  
observ.u-bordeaux.fr

**Garilli Bianca**  
IFCTR CNR  
Univ d Milano  
Via E Bassini 15  
I 20133 Milano  
Italy  
☎ 39 02 236 99313  
📞 39 02 266 6017  
✉ bianca@ifctr.mi.cnr.it

**Garlick George F**  
267 South Beloit Av  
Los Angeles CA 90049  
USA  
☎ 1 213 472 3512

**Garmany Catherine D**  
JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 7836  
📞 1 303 492 5235

**Garmire Gordon P**  
Astronomy Dpt  
Pennsylvania State Univ  
525 Davey Lab  
University Park PA 16802  
USA  
☎ 1 814 865 0418  
📞 1 814 863 7114

**Garnett Donald Roy**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 2288  
📞 1 520 621 1532

**Garnier Robert**  
Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 56 0705  
📞 33 4 72 39 9791

**Garrett Michael**  
NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
📞 31 521 59 7332  
✉ mag@jive.nfra.nl

**Garrido Rafael**  
Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 812 1311  
📞 34 5 881 4530

**Garrington Simon**  
NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
📞 44 147 757 1618  
✉ stg@jb.man.ac.uk

**Garrison Robert F**  
David Dunlap Observ  
Univ Toronto  
Box 360  
Richmond Hill ONT L4C  
4Y6  
Canada  
☎ 1 905 884 9562  
📞 1 905 884 2672  
✉ garrison@  
astro.utoronto.ca

**Garstang Roy H**  
JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 7795  
📞 1 303 492 5235  
✉ garstang@earthlink.net

**Garton W R S**  
Astrophysics Gr  
Imperial Coll  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7771  
📞 44 171 594 7772

**Gary Dale E**  
CALTECH  
MS 264 33  
SA  
Pasadena CA 91125  
USA  
☎ 1 818 356 3863

**Gary Gilmer Allen**  
NASA MSFC  
Space Science Lab  
Code ES 82  
Huntsville AL 35812  
USA  
☎ 1 205 544 7609  
📞 1 205 544 5862  
✉ allen.gary@  
msfc.nasa.gov

**Garzon Francisco**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
📞 34 2 260 5210

**Gascoigne S C B**  
MSO  
Private Bag  
Wooden P.O.  
Canberra ACT 2606  
Australia  
☎ 61 2 6125 0230

**Gaska Stanislaw**  
Inst Astronomy  
N Copernicus Univ  
UI Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018  
📞 48 56 24 602

**Gasparian Lazar**  
Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
📞 374 88 52 52 3640  
✉ byurakan@pnas.sci.am

**Gatewood George**  
Allegheny Observ  
Observ Station  
Pittsburgh PA 15214  
USA  
☎ 1 412 321 2400  
📞 1 412 321 0606  
✉ gatewood@  
vms.cis.pitt.edu

**Gatley Ian**  
NOAO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
📞 1 520 325 9360

**Gaudenzi Silvia**  
Istt Astronomico  
Univ d Roma La Sapienza  
Via G M Lancisi 29  
I 00161 Roma  
Italy  
☎ 39 06 440 3734  
📠 39 06 440 3673

**Gaume Ralph A**  
USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1519  
📠 1 202 762 1514  
✉ rgaume@usno.navy.mil

**Gaur V P**  
Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136

**Gauss F Stephen**  
USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1510  
📠 1 202 653 1516  
✉ fsg@  
sicon.usno.navy.mil

**Gaustad John E**  
Physics/Astronomy Dpt  
Swarthmore Coll  
500 College Ave  
Swarthmore PA 19081  
USA  
☎ 1 610 328 8271  
📠 1 610 328 7895  
✉ jgaustal@  
swarthmore.edu

**Gautier Daniel**  
Observ  
DESPA  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7707  
📠 33 1 45 07 7971  
✉ Daniel.Gautier@  
obspm.fr

**Gautschy Alfred**  
Astronomisches Inst  
Univ Basel  
Venusstr 7  
CH 4102 Binningen  
Switzerland  
☎ 41 61 271 7711/12  
📠 41 61 271 7810  
✉ gautschy@  
astro.unibas.ch

**Gavazzi Giuseppe**  
Osserv Astronomico  
d Brera  
Via Brera 28  
I 20121 Milano  
Italy  
☎ 39 02 874 444  
📠 39 02 720 01600

**Gay Jean**  
OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 36 5849  
📠 33 4 93 40 5353

**Gayazov Iskander S**  
Inst Applied Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 275 1024  
📠 7 812 272 1119  
✉ gayazov@  
quasar.ipa.nw.ru

**Gaylard Michael John**  
Hartebeesthoek RAO  
FRD  
PO Box 443  
1740 Krugersdorp  
South Africa  
☎ 27 11 642 4692  
📠 27 11 642 2446

**Geballe Thomas R**  
Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 961 3756  
📠 1 808 961 6516

**Gebbie Katharine B**  
JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 7825  
📠 1 303 492 5235

**Geffert Michael**  
Observ  
Univ Sternwarte Bonn  
D 54550 Daun  
Germany  
☎ 49 65 92 2150  
📠 49 65 92 9851 40  
✉ geffert@  
astro.uni-bonn.de

**Gehrels Neil**  
NASA GSFC  
Code 661  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6546  
📠 1 301 286 1684  
✉ gehrels@gsfc.nasa.gov

**Gehrels Tom**  
Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 6970  
📠 1 520 621 4933  
✉ gehrels@lpl.arizona.edu

**Gehren Thomas**  
Inst Astron/Astrophysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6035  
📠 49 89 2180 6003

**Gehrz Robert Douglas**  
Dpt Phys/Astronomy  
Univ Wyoming  
Box 3905  
Laramie WY 82071  
USA  
☎ 1 307 766 6176  
📠 1 307 766 2652  
✉ gehrz@  
astro.spa.umn.edu

**Geisler Douglas P**  
Dpt de Fisica  
Casilla 160 C  
Universidad de Concepcion  
Chile  
☎ 56 51 22 5415\*208  
📠 56 51 20 5342  
✉ dgeisler@noao.edu

**Geiss Johannes**  
Physikalisches Inst  
Univ Bern  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 658 645

**Geldzahler Bernard J**  
George Mason Univ  
Inst for Computational Sci  
44000 Univ Blvd  
Fairfax VA 22030 4444  
USA  
☎ 1 703 451 6921  
📠 1 703 451 6921  
✉ bgeld@etols.com

**Gelfreikh Georgij B**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
📠 7 812 315 1701

**Geller Margaret Joan**  
Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7409  
📠 1 617 495 7467  
✉ mgeller@  
cfa.harvard.edu

**Gemmo Alessandra**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
📠 39 049 827 7102

**Genet Russel M**  
1109 S Plaza Way #120  
Flagstaff AZ 86001  
USA  
☎ 1 602 988 6561\*223  
✉ genet@regasus.la.asu.edu

**Genkin Igor L**  
Fac Physics  
Kazakh State Univ  
Tole Li 96  
480012 Alma Ata  
Kazakistan  
☎ 7 67 7018

**Genova Francoise**  
Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 90 24 2476  
① 33 3 90 24 2432  
✉ genova@astro.u-strasbg.fr

**Genzel Reinhard**  
MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 00  
① 49 893 299 3235  
✉ genzel@mpe-garching.mpg.de

**Georgantopoulos Ioannis**  
Inst Astrophysics/Astron  
National Obs Athens, Los  
Koufou, Palaia Penteli  
Ioannou Metaxa & Basileos  
Pavlou  
GR 15236 Athens  
Greece  
☎ 30 1 6132 066  
① 30 1 8040 453  
✉ ig@astro.noa.gr

**Georgelin Yvon P**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
① 33 4 91 62 1190  
✉ yvon.Georgelin@observatoire.cnrs-mrs.fr

**Georgelin Yvonne M**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
① 33 4 91 62 1190  
✉ yvonne.Georgelin@observatoire.cnrs-mrs.fr

**Georgiev Leonid**  
Astronomy Dpt  
Univ Sia Kliment Ohridski  
5 James Bourchier Blvd  
BG 1164 Sofia  
Bulgaria  
☎ 359 2 54 4852  
① 359 2 68 9085

**Georgiev Tsvetan**  
Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
① 359 2 75 5019  
✉ tsgorg@pronto.phys.bas.bg

**Geppert Ulrich R M E**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 7499 204  
① 49 331 7499 200  
✉ urme@aip.de

**Gerard Eric**  
Observ  
ARPEGES  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7607  
① 33 1 45 07 7939

**Gerard Jean-Claude M C**  
Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
① 32 4 254 7511  
✉ gerard@astro.ulg.ac.be

**Gerasimov Igor A**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1625  
① 7 095 939 0126  
✉ snn@sai.msk.su

**Gerbal Daniel**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8000  
① 33 1 44 32 8001  
✉ gerbal@iap.fr

**Gerbaldi Michele**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8041  
① 33 1 44 32 8001  
✉ gerbaldi@iap.fr

**Gergely Tomas Esteban**  
NSF  
Div Astron Sci  
4201 Wilson Blvd  
Arlington VA 22230  
USA  
☎ 1 703 306 1823  
① 1 703 306 0525  
✉ tgergely@nsf.gov

**Gerhard Ortwin**  
Astronomisches Inst  
Univ Basel  
Venusstr 7  
CH 4102 Binningen  
Switzerland  
☎ 41 61 205 5419/454  
① 41 61 205 5455  
✉ gerhard@astro.unibas.ch

**Gerin Maryvonne**  
DEMIRM  
ENS  
24 r Lhomond  
F 75231 Paris Cdx 05  
France  
☎ 33 1 43 29 1225  
① 33 1 40 51 2002  
✉ gerin@frulm11

**Gerlei Otto**  
Debrecen Heliophys Observ  
Acad Sciences  
Box 30  
HU 4010 Budapest  
Hungary  
☎ 36 5 231 1015

**Germain Marvin E**  
1686 N Owl Road  
Flagstaff AZ 86004  
USA  
☎ 1 520 773 4868  
① 1 520 779 9568  
✉ meg@sextans.lowell.edu

**Gerola Humberto**  
20390 Knollwood Dr  
Saratoga CA 95070  
USA

**Geroyannis Vassilis S**  
Astronomy Dpt  
Univ Patras  
GR 261 10 Rion  
Greece  
☎ 30 61 99 7572  
① 30 61 99 7636

**Gershberg R E**  
Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
98409 Crimea  
Ukraine  
☎ 380 6554 71161  
① 380 6554 40704

**Gesicki Krzysztof**  
Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 08\*50  
① 48 56 24 602  
✉ gesicki@astri.uni.torun.pl

**Geyer Edward H**  
Observ  
Univ Sternwarte Bonn  
D 54550 Daun  
Germany  
☎ 49 65 92 2150  
① 49 65 92 9851 40

**Gezari Daniel Ysa**  
NASA GSFC  
Code 685  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3432

**Ghanbari Jamshid**  
Physics Dpt  
School Sciences  
Univ Ferdowsi  
Mashhad  
Iran  
☎ 98 51 832 021/4  
① 98 51 838 032  
✉ ghanbari@science1.um.ac

**Ghez Andrea**  
Dpt Physics/Astronomy  
Box 951562  
UCLA  
Los Angeles CA 90095 1562  
USA  
☎ 1 310 206 0420  
① 1 310 206 2096  
✉ ghez@astro.ucla.edu

**Ghigo Francis D**  
NRAO  
Box 2  
Green Bank WV 24944  
USA  
☎ 1 304 456 2280  
① 1 304 456 2170  
✉ fgghigo@nrao.edu

**Ghissellini Gabriele**  
Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
① 39 09 908 492  
✉ gabriele@merate.mi.astro.it

**Ghizaru Mihai**  
Astron Inst  
Romanian Acad Sci  
Cutitul de Argint 5  
RO 75212 Bucharest  
Romania  
☎ 40 1 335 6892  
① 40 1 312 3391  
✉ mghizaru@roimar.imar.ro

**Ghobros Roshdy Azer**  
NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
① 20 62 21 405 297

**Ghosh Kajal Kumar**  
IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585  
① 91 80 553 4043

**Ghosh P**  
TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 215 2971  
① 91 22 215 2181  
✉ pranab@tifr.res.in

**Ghosh S K**  
TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 215 2311  
① 91 22 495 2110  
✉ swarna@tifrvax.tifr.res.in

**Giacaglia Giorgio E**  
CRAAE INPE  
EPUSP/PTR  
CP 61548  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 815 9322  
① 55 11 815 4272

**Giacani Elsa Beatriz**  
IAFE  
CC 67  
Ciudad Universitaria  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 1 781 6755  
✉ egiacini@iafe.uba.ar

**Giacconi Riccardo**  
ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 60  
① 49 893 202 362

**Giachetti Riccardo**  
Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 2  
I 50125 Firenze  
Italy  
☎ 39 055 229 8141  
① 39 055 435 939

**Giallongo Emanuele**  
Osserv Astronomico  
d Roma  
Via d osservatorio 5  
I 00040 Monteporzio  
Italy  
☎ 39 06 944 9019  
① 39 06 944 7243

**Giampapa Mark S**  
NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
① 1 520 325 9278

**Giannone Pietro**  
OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 347 056  
① 39 06 349 8236

**Giannuzzi Maria A**  
Dpt Matematica  
Univ d Roma La Sapienza  
Piazza Gramsci 5  
I 00041 Albano/Lazio  
Italy  
☎ 39 06 932 1101

**Gibson David Michael**  
MIT Lincoln Lab  
KMR Field Site  
Box 58  
Apo AP 96555  
USA  
☎ 1 805 355 1257  
① 1 805 355 3833  
✉ gibson@kmmmail.kmr.ll.mit.edu

**Gibson James**  
6838 Greeley St  
Tujunga CA 91042 2809  
USA

**Giclas Henry L**  
120 E Elm Av  
Flagstaff AZ 86001  
USA  
☎ 1 520 774 4769  
① 1 520 774 6296

**Gierasch Peter J**  
Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 256 3507  
① 1 607 255 1767

**Gieren Wolfgang P**  
Dpt Fisica  
Univ Concepcion  
Casilla 4009  
Concepcion  
Chile  
☎ 56 41 204 500  
① 56 41 245 622  
✉ wgieren@coma.cfm.udec.cl

**Giersz Miroslaw**  
Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
① 48 22 841 0828  
✉ mig@camk.edu.pl

**Gies Douglas R**

Dpt Phys/Astronomy  
Georgia State Univ  
Atlanta GA 30303 3083  
USA

☎ 1 404 651 1366  
☎ 1 404 651 1389  
✉ gies@chara.gsu.edu

**Gietzen Joseph W**

Royal Greenwich Observ  
Madingley Rd  
Cambridge CB3 0EZ  
UK

☎ 44 12 23 374 000  
☎ 44 12 23 374 700

**Gigas Detlef**

NASA GSFC  
Code 910 2  
Greenbelt MD 20771  
USA

**Gigoyan Kamo**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia

☎ 374 28 34 53  
✉ kgigoyan@bao.sci.am

**Gil Janusz A**

The Astron Ctr  
Lubuska 2  
PL 65 001 Zielona Gora  
Poland

☎ 48 68 20 2863  
☎ 48 68 202 863

**Gilfanov Marat R**

Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia

☎ 7 095 333 3377  
☎ 7 095 333 5377  
✉ mgilfanov@hea.iki.rssi.ru

**Gill Peter B J**

18 Selwyn House  
Selwyn Road  
Eastbourne East Sussex  
BN21 2LF  
UK

☎ 44 13 23 646 853  
☎ 44 13 23 646 853  
✉ pbj.gill@btinternet.com

**Gillanders Gerard**

Physics Dpt  
Univ College  
Galway  
Ireland

☎ 353 9 152 4411\*2529  
☎ 353 9 152 5700  
✉ gary.gillanders@ucg.ie

**Gillet Denis**

OHP  
F 04870 S Michel Obs  
France

☎ 33 4 92 76 6368  
☎ 33 4 92 76 6295

**Gilliland Ronald Lynn**

STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA

☎ 1 410 338 4700  
☎ 1 410 338 4767

**Gillingham Peter**

W M Keck Observ  
Box 220  
65 1120 Mamalahoa Hwy  
Kamuela HI 96743  
USA

☎ 1 808 885 7887  
☎ 1 808 885 4464  
✉ peter@keck.hawaii.edu

**Gilman Peter A**

HAO  
NCAR  
Box 3000  
Boulder CO 80307 3000  
USA

☎ 1 303 497 1560  
☎ 1 303 497 1568

**Gilmore Alan C**

Mt John Observ  
Box 56  
Lake Tekapo 8770  
New Zealand

☎ 64 3 680 6800  
☎ 64 3 680 6005

**Gilmore Gerard Francis**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK

☎ 44 12 23 337 548  
☎ 44 12 23 337 523  
✉ gil@ast.cam.ac.uk

**Gilmozzi Roberto**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany

☎ 49 893 200 60  
☎ 49 893 202 362

**Gilra Daya P**

6920 Cipriano Road  
Lanham MD 20706  
USA

☎ 1 301 763 4483

**Gimenez Alvaro**

ESA  
Apt 50727 Villafranca  
E 28080 Madrid  
Spain

☎ 34 34 91 813 1155  
☎ 34 34 91 813 1139  
✉ ag@laeff.esa.es

**Gingerich Owen**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA

☎ 1 617 495 7216  
☎ 1 617 496 7564  
✉ ginger@cfa.harvard.edu

**Gingold Robert Arthur**

Australian Ntl Univ  
ANU Super Cptr Facility  
Box 4  
Canberra ACT 2600  
Australia

☎ 61 262 493 437

**Ginzburg Vitaly L**

Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia

☎ 7 095 135 2250  
☎ 7 095 135 7880

**Gioia Isabella M**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA

☎ 1 808 956 9845  
☎ 1 808 956 9590  
✉ gioia@  
alileo.ifa.hawaii.edu

**Giordano Claudia M**

FCAG  
Paseo del Bosque S/N  
La Plata 1900 (Bs A)  
Argentina

☎ 54 221 453 9588  
✉ giordano@  
caglp.unlp.edu.ar

**Giordano Silvio**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy

☎ 39 011 810 1916  
☎ 39 011 810 1930  
✉ giordano@to.astro.it

**Giovanardi Carlo**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy

☎ 39 055 275 2239  
☎ 39 055 220 039  
✉ giova@arcetri.astro.it

**Giovane Frank**

NRL  
Code 7601  
4555 Overlock Av SW  
Washington DC 20375 5320  
USA

☎ 1 202 767 3188  
☎ 1 202 404 7296  
✉ giovane@nrl.navy.mil

**Giovanelli Riccardo**

Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA

☎ 1 607 255 6505  
☎ 1 607 255 8803  
✉ riccardo@  
astrosun.tn.cornell.edu

**Giovanelli Franco**

IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy

☎ 39 06 499 34473  
☎ 39 06 206 60188  
✉ franco@ias.rm.cnr.it

**Giovannini Gabriele**

Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9431  
☎ 39 051 639 9431  
✉ ggiovannini@ira.bo.cnr.it

**Gir Be Young**

Dpt Earth Sciences  
Ntl Taiwan Normal Univ  
Taiwan  
China R

**Girardi Marisa**

Dipartimento di Astronomia  
Univ di Trieste  
Via Tiepolo 11  
I 34100 Trieste  
Italy  
☎ 39 040 319 9233  
☎ 39 040 300 479  
✉ girardi@ts.astro.it

**Giraud Edmond**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4100  
☎ 33 4 91 62 1190  
✉ Edmond.Giraud@observatoire.cnrs-mrs.fr

**Giridhar Sunetra**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585  
☎ 91 80 553 4043

**Giulianti Winter Silvia M**

UNESP  
Campus Guaratingueta  
Caixa Postal 205  
Guaratingueta Sao Paulo  
Brazil  
☎ 55 12 525 2800  
✉ silvia@feg.unesp.br

**Giuricin Giuliano**

Dpt Astronomia  
Univ d Trieste  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 768 005  
☎ 39 040 309 418

**Glagolevskij Juri V**

SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 789 3577

**Glaser Harold**

1346 Bonita St  
Berkeley CA 94709  
USA  
☎ 1 415 527 1860

**Glasner Shimon Ami**

Racah Inst Phys  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel  
☎ 972 2 584 521  
☎ 972 2 658 4374

**Glaspey John W**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8701  
☎ 1 520 318 8724  
✉ glaspey@noao.edu

**Glass Billy Price**

Dpt Geology  
Univ Delaware  
Newark DE 19716  
USA  
☎ 1 302 451 8458  
☎ 1 302 831 1843

**Glass Ian Stewart**

SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
☎ 27 21 447 3639  
✉ isg@sao.ac.za

**Glassgold Alfred E**

Physics Dpt  
New York Univ  
4 Washington Place  
New York NY 10003  
USA  
☎ 1 212 598 2020  
☎ 1 212 995 4016

**Glatzel Wolfgang**

Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany  
☎ 49 551 395 042  
☎ 49 551 395 043

**Glatzmaier Gary A**

Earth Sciences Dept  
Univ California  
Earth & Marine Sciences  
Bldg  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 5504  
☎ 1 831 459 3074  
✉ glatz@es.ucsc.edu

**Glebocki Robert**

Inst Theor Physics  
Univ Gdansk  
Ul Wita Stwosza 57  
PL 80 952 Gdansk  
Poland  
☎ 48 41 5241\*188

**Glebova Nina I**

Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 278 8898  
☎ 7 812 272 7968  
✉ 100073.3636@compuserve.com

**Glencross William M**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
☎ 44 171 380 7145

**Glushkova Elena V**

SAI  
Acad Sciences  
Universitetskii Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1616  
☎ 7 095 932 8841  
✉ elena@sai.msu.ru

**Glushneva Irina N**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 139 2046  
☎ 7 095 939 0126

**Gnedin Yurij N**

Ife Physical Tech Inst  
Acad Sciences  
Polytechnicheskaya Ul 26  
194021 St Petersburg  
Russia  
☎ 7 812 123 4493  
☎ 7 812 314 3360  
✉ gnedin@pulkovo.spb.ru

**Godfrey Peter Douglas**

Chemistry Dpt  
Monash Univ  
Wellington Rd  
Clayton VIC 3168  
Australia  
☎ 61 3 541 0811

**Godlowski Wlodzimierz**

Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 425 1294  
☎ 48 12 425 1318  
✉ godlows@oa.uj.edu.pl

**Godoli Giovanni**

Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
☎ 39 055 220 039  
✉ godoli@arcetri.astro.it

**Godwin Jon Gunnar**

Astrophysics Dpt  
85 Cherwell Dr  
Oxford OX3 0ND  
UK  
☎ 44 1865 72 2313  
☎ 44 1865 72 1000

**Goebel Ernst**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 845  
☎ 43 1 427 795 18  
✉ goebel@  
astro.univie.ac.at

**Goebel John H**

NASA ARC  
Space Sci Div  
MS 244 7  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 694 6525  
☎ 1 415 604 4003

**Goedbloed Johan P**

FOM  
Box 1207  
NL 3430 BE Nieuwegein  
Netherlands  
☎ 31 30 603 1224  
☎ 31 30 603 1204  
✉ goedbloed@sara.nl

**Goelbasi Orhan**

Fac Sciences  
Inonu Univ  
44069 Malatya  
Turkey  
☎ 90 821 21871  
☎ 90 821 18133

**Goharji Adan**

Astronomy Dpt  
KAAU  
Box 9028  
Jeddah 21413  
Saudi Arabia  
☎ 966 2 695 2285  
☎ 966 2 640 0736

**Goharji Adnan A**

Astronomy Dpt  
Faculty Science  
King Abdulaziz Univ  
Jeddah 21413  
Saudi Arabia  
☎ 966 2 695 2285  
☎ 966 2 695 2284

**Gokdogan Nuzhet**

Ihlamar yolu No. 32  
Nisantasi Ist.  
34452 Istanbul  
Turkey  
☎ 90 212 522 3597  
☎ 90 212 519 0834

**Gokhale Moreshwar Hari  
IIA**

Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585  
☎ 91 80 553 4043

**Golap Kumar**

Fac Sciences  
Univ Mauritius  
Reduit  
Mauritius  
☎ 230 454 1041  
☎ 230 454 9642  
✉ kumar@  
fl.n726.z5.fidonet.org

**Golay Marcel**

Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
☎ 41 22 755 3983  
✉ marcel.golay@  
obs.unige.ch

**Gold Thomas**

CRSR  
Cornell Univ  
306 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 256 5284  
☎ 1 607 255 9888

**Goldbach Claudine**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8141  
☎ 33 1 44 32 8001  
✉ goldbach@iap.fr

**Golden Aaron**

Dpt Information Technology  
National Univ Ireland  
Galway  
Ireland  
☎ 353 91 524 411  
☎ 353 91 525 7000  
✉ agolden@  
itc.nuigalway.ie

**Goldes Guillermo Victor**

Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 4331 006  
☎ 54 351 4331 063  
✉ goldes@oac.uncor.edu

**Goldman Itzhak**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 545 0303  
☎ 972 3 640 8179  
✉ goldman@vm.tau.ac.il

**Goldman Martin V**

CASA  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0391  
USA  
☎ 1 303 492 8896  
☎ 1 303 492 6946

**Goldreich Peter**

CALTECH  
Pasadena CA 91125  
USA  
☎ 1 213 356 6193  
☎ 1 818 397 9600  
✉ pmg@caltech.edu

**Goldsmith Donald W**

Interstellar Media  
2153 Russell St  
Berkeley CA 94705  
USA  
☎ 1 510 848 1989  
☎ 1 510 848 4001  
✉ dgsmith2@  
ix.netcom.com

**Goldsmith Paul F**

Cornell Univ  
NIAC Dpt Astronomy  
502 Spaces Sciences Bldg  
Ithaca NY 14853  
USA  
☎ 1 607 255 0606  
☎ 1 607 255 8803  
✉ pfg@  
astro.sun.tn.cornell.edu

**Goldsmith S**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 420 303  
☎ 972 3 640 8179

**Goldstein Richard M**

CALTECH/JPL  
MS 300 227  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 6999  
☎ 1 818 393 6030

**Goldsworthy Frederick A**

Dpt Appl Maths  
Univ Leeds  
Leeds LS2 9JT  
UK  
☎ 44 113 233 5105  
☎ 44 113 242 9525

**Goldwire Jr Henry C**

LLNL  
L 451  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 423 0160  
☎ 1 415 423 0238

**Goldwurm Andrea**  
Service d'Astrophysique  
CEA Saclay  
F 91191 Gif/Yvette  
France  
☎ 33 1 69 08 2792  
📞 33 1 69 08 65 77  
✉ agoldwurm@cea.fr

**Golev Valery K**  
Dpt Astron/Fac Phys  
Univ Sia Kliment Ohridski  
Univ Astron Obs Box 36  
BG 1504 Sofia  
Bulgaria  
☎ 359 2 66 2324  
📞 359 2 68 9085  
✉ valgol@  
phys.uni-sofia.bg

**Gollnow H**  
MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 881 111

**Golovatyj Volodymyr**  
Astron Observ  
Lviv State Univ  
Kiril/Mefodiy Str 8  
290005 Lviv  
Ukraine  
☎ 380 3227 29088  
📞 380 3227 29088  
✉ gol@astro.lviv.ua

**Golub Leon**  
Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7177  
📞 1 617 495 7356  
✉ golub@  
head-cfa.harvard.edu

**Gomes Alercio M**  
R Gaviao Peixoto 13  
Apt 1401  
Icarai 24000  
Niteroj Erj  
Brazil

**Gomes Rodney D S**  
Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 589 2955  
📞 55 21 580 0332  
✉ rodney@on.br

**Gomez Ana E**  
Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7843  
📞 33 1 45 07 7872  
✉ Anna.Gomez@obspm.fr

**Gomez Daniel O**  
IAFE  
CC 67 Suc 28  
Buenos Aires 1428  
Argentina  
☎ 54 11 4781 6755  
📞 54 11 4786 8114  
✉ gomez@iafe.uba.ar

**Gomez Gonzalez Jesus**  
Paseo Imperial 29 6h  
E Madrid 5  
Spain

**Gomez Jose F**  
LAEFF  
INTA  
Apartado de correos 50727  
E 28080 Madrid  
Spain  
☎ 34 918 13 1267  
📞 34 918 13 1160  
✉ jfjg@laeff.esa.es

**Gomez Maria Theresa**  
Osserv d Capodimonte  
Via Moiarriello 16  
I 80131 Napoli  
Italy  
☎ 39 08 144 0101  
📞 39 08 145 6710

**Gomez Mercedes**  
Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 423 6876  
📞 54 351 421 0613  
✉ mercedes@  
uncbob.edu.ar

**Gomez Yolanda**  
Inst Astronomia  
Unidad Morelia  
Apdo Postal 3-72 (Xangari)  
Morelia Michoacan 58089  
Mexico  
☎ 52 4 323 6162  
📞 52 4 323 6165  
✉ gocy@  
astrosmo.unam.mx

**Gomide Fernando de Mello**  
R Angelica Lopes de  
Castro 71  
25655 430 Petropolis RJ  
Brazil

**Gonczy Georges**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 90 00 3017  
📞 33 4 92 00 3033  
✉ gonczy@obs-nice.fr

**Gondhalekar Prabhakar**  
Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 821 900  
📞 44 12 35 445 808

**Gondolatsch Friedrich**  
ARI  
Moenchstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 50  
📞 49 622 140 5297

**Gong Shou-shen**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📞 86 21 6438 4618

**Gong Shumo**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
📞 86 25 301 459

**Gontcharov Gueorgui A**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4371  
📞 7 812 123 4922  
✉ gaoran@mail.wplus.net

**Gontier Anne-Marie**  
Observ  
DAN  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 22 30  
📞 33 1 40 51 2291  
✉ anne-marie.gontier@  
obspm.fr

**Gontikakis Constantin**  
Academy Athens  
Research Center for Astron  
Anagnostopoulou 14  
GR 10673 Athens  
Greece  
☎ 30 1 361 3589  
📞 30 1 363 4667  
✉ cgonti@cc.uoa.gr

**Gonzales'a Walter D**  
INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 22 9977  
📞 55 123 21 8743



**Gonzales-Alfonso Eduardo**

Observ  
Nacional  
Apt 1143  
E 28800 Alcala d Henares  
Spain  
☎ 34 1 885 5060  
📠 34 1 885 5062  
✉ eduardo@oan.es

**Gonzalez Alejandro**

Dpt Fisica  
UPAEP  
21 Sur 1103  
Col Santiago  
Mexico  
☎ 52 22 29 9499\*529/528  
📠 52 22 32 5251  
✉ AGonza@  
sunl.pue.upaep.mx

**Gonzalez Camacho Antonio**

Inst Astron/Geodesia  
Fac Ciencias Matemat  
Univ Complutense  
E 28040 Madrid  
Spain  
☎ 34 1 244 2501  
📠 34 1 394 5195

**Gonzalez G**

INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
📠 52 2 247 2231

**Gonzalez Guillermo**

Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 221 7949  
📠 1 206 685 0403  
✉ gonzalez@  
astro.washington.edu

**Gonzalez J Jesus**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📠 52 5 616 0653  
✉ jesus@  
astroscu.unam.mx

**Gonzalez Jean-Francois**

CRAL  
ENS  
46 All Italie  
F 69364 Lyon Cdx 07  
France  
☎ 33 4 72 72 8702  
📠 33 4 72 72 8787  
✉ jfgonzal@ens-lyon.fr

**Gonzalez Serrano J I**

Istt Fisica d Cantabria  
C/o Facultad Ciencias  
Avda Los Castros s/n  
E 39005 Santander  
Spain  
☎ 34 94 220 1578  
📠 34 94 220 1459  
✉ gserrano@ifca.unican.es

**Gonzalez Delgado Rosa M**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 958 12 1311  
✉ rosa@iaa.es

**Gonzalez-Riestra R**

ESA  
Apt 50727 Villafranca  
E 28080 Madrid  
Spain  
☎ 34 1 813 1100  
📠 34 1 813 1139

**Gonze Roger F J**

Observ  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0294  
📠 32 2 373 9822  
✉ roger.gonze@oma.be

**Goobar Ariel M**

Dpt Physics  
Stockholm Univ  
Box 6730  
SE 113 35 Stockholm  
Sweden  
☎ 46 8 16 47 25  
📠 46 8 34 78 17  
✉ ariel@physto.se

**Goode Philip R**

Physics Dpt  
NJ Inst Technology  
323 High St  
Newark NJ 07102  
USA  
☎ 1 201 596 3562

**Goodman Alyssa Ann**

Astronomy Dpt  
Harvard Univ MS 46  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 9278  
📠 1 617 495 7345  
✉ agoodman@  
cfa.harvard.edu

**Goodrich Robert W**

W M Keck Observ  
Box 220  
65 1120 Mamalahoa Hwy  
Kamuela HI 96743  
USA  
☎ 1 808 885 7887  
📠 1 808 885 3897  
✉ rwg@keck.hawaii.edu

**Goody R M**

CEPP  
Pierce Hall  
29 Oxford St  
Cambridge MA 02138  
USA  
☎ 1 617 495 4517

**Goossens Marcel**

Ctr Plasma Astrophysics  
Katholieke Univ Leuven  
Celestijnenlaan 200B  
B 3001 Heverlee  
Belgium  
☎ 32 16 32 7012  
📠 32 16 32 7998  
✉ marcel.goossens@  
wis.kuleuven.ac.be

**Gopala Rao U V**

Satellite Meteorology  
Indian Meteorologic Dpt  
Lodi Rd/mausam Bhavan  
New Delhi 110 003  
India

**Gopalswamy N**

Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 454 6649  
📠 1 301 314 9067  
✉ gopals@  
fugee.gsfc.nasa.gov

**Gopasyuk S I**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
📠 380 6554 40704

**Gopka Vera F**

Astron Observ  
Odessa State Univ  
Shevchenko Park  
Odessa 65014  
Ukraine  
☎ 380 482 250 356  
📠 380 482 224 482  
✉ gopka@  
arctur.tenet.odessa.ua

**Gorbatsky Vitalij G**

Astron Observ  
St Petersburg Univ  
Bibliotechnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 428 7129  
📠 7 812 428 4259  
✉ vayak@astro.lgu.spb.ru

**Gordon Charlotte**

11 r Tournefort  
F 75005 Paris  
France

**Gordon Courtney P**

Astronomy Dpt  
Hampshire Coll  
Amherst MA 01002  
USA  
☎ 1 413 545 2290

**Gordon Kurtiss J**

Astronomy Dpt  
Hampshire Coll  
Amherst MA 01002  
USA  
☎ 1 413 549 4600

**Gordon Mark A**  
 NRAO  
 Campus Bg 65  
 949 N Cherry Av  
 Tucson AZ 85721 0655  
 USA  
 ☎ 1 520 882 8250  
 ☎ 1 520 882 7955

**Gorenstein Marc V**  
 313 Brookline Street  
 Needham MA 02192 3523  
 USA  
 ☎ 72722.1573@compuserve.com

**Gorenstein Paul**  
 CfA  
 HCO/SAO  
 60 Garden St  
 Cambridge MA 02138 1516  
 USA  
 ☎ 1 617 495 7250  
 ☎ 1 617 495 7356

**Goret Philippe**  
 DAPNIA/SAP  
 CEA Saclay  
 BP 2  
 F 91191 Gif s Yvette Cdx  
 France  
 ☎ 33 1 69 08 4463  
 ☎ 33 1 69 08 6577

**Gorgas Garcia Javier**  
 Dpt Astrofisica  
 Fac Fisica  
 Univ Complutense  
 E 28040 Madrid  
 Spain  
 ☎ 34 1 394 4579  
 ☎ 34 1 394 4635  
 ✉ fgj@astrax.fis.ucm.es

**Gorgolewski Stanislaw Pr**  
 Inst Radio Astron  
 N Copernicus Univ  
 Ul Gagarina 11  
 PL 87 100 Torun  
 Poland  
 ☎ 48 56 78 3327  
 ☎ 48 56 11 651

**Goriely Stephane**  
 Inst  
 Astronomie/Astrophysique  
 ULB  
 CP 226  
 B 1050 Bruxelles  
 Belgium  
 ☎ 32 2 650 2843  
 ☎ 32 2 650 4226  
 ✉ sgoriely@astro.ulb.ac.be

**Gor'kavii Nikolai**  
 Crimean Astrophys Observ  
 Simeiz  
 334242 Yalta  
 Ukraine  
 ☎ 380 6542 40077  
 ☎ 380 6554 40704  
 ✉ gorka@crao.crimea.ua

**Gorskochv Alexander G**  
 SAI  
 Acad Sciences  
 Universitetskij Pr 13  
 119899 Moscow  
 Russia  
 ☎ 7 095 939 3838  
 ☎ 7 095 932 8841  
 ✉ algor@sai.msu.ru

**Gosachinskij Igor V**  
 Pulkovo Observ  
 Acad Sciences  
 10 Kutuzov Quay  
 196140 St Petersburg  
 Russia  
 ☎ 7 812 123 4372  
 ☎ 7 812 123 2042  
 ✉ gos@fsao.spb.ru

**Gosling John T**  
 LANL  
 MS D438 ESS8  
 Box 1663  
 Los Alamos NM 87545 2345  
 USA  
 ☎ 1 505 667 5389  
 ☎ 1 505 665 4055

**Goss W Miller**  
 NRAO  
 VLA/VLBA  
 PO Box 0  
 Socorro NM 87801  
 USA  
 ☎ 1 505 835 7300  
 ☎ 1 505 835 0387  
 ✉ mgross@nrao.edu

**Gosset Eric**  
 Inst Astrophysique  
 Universite Liege  
 Av Cointe 5  
 B 4000 Liege  
 Belgium  
 ☎ 32 4 254 7518  
 ☎ 32 4 254 7511  
 ✉ gosset@astro.ulg.ac.be

**Goswami J N**  
 PRL  
 Navrangpura  
 Ahmedabad 380 009  
 India  
 ☎ 91 272 46 2129  
 ☎ 91 272 44 5292

**Gott J Richard**  
 Dpt Astrophysical Sci  
 Princeton Univ  
 Princeton NJ 08544 1001  
 USA  
 ☎ 1 609 452 3813  
 ☎ 1 609 258 1020

**Gottesman Stephen T**  
 Astronomy Dpt  
 Univ Florida  
 211 SSRB  
 Gainesville FL 32611- 2055  
 USA  
 ☎ 1 352 392 2050  
 ☎ 1 352 392 5089  
 ✉ gott@astro.ufl.edu

**Gottlieb Carl A**  
 Inst Space Studies  
 2880 Broadway  
 New York NY 10025  
 USA  
 ☎ 1 212 678 5566

**Gottloeber Stefan**  
 Astrophysik Inst  
 Potsdam Univ  
 An der Sternwarte 16  
 D 14482 Potsdam  
 Germany  
 ☎ 49 331 749 90  
 ☎ 49 331 749 9200  
 ✉ sgottloeber@aip.de

**Gouda Naoteru**  
 NOAJ  
 2 21 1 Ohsawa  
 Mitaka Tokyo 181 8588  
 Japan  
 ☎ 81 422 34 3616  
 ☎ 81 422 34 3779  
 ✉ naoteru.gouda@nao.ac.jp

**Goudas Constantine L**  
 Mathematics Dpt  
 Univ Patras  
 GR 261 10 Rion  
 Greece  
 ☎ 30 61 99 7572  
 ☎ 30 61 99 7636

**Goudis Christos D**  
 Physics Dpt  
 Univ Patras  
 GR 261 10 Rion  
 Greece  
 ☎ 30 61 99 7572  
 ☎ 30 61 99 7636

**Gough Douglas O**  
 Inst Astronomy  
 The Observatories  
 Madingley Rd  
 Cambridge CB3 0HA  
 UK  
 ☎ 44 12 23 337 548  
 ☎ 44 12 23 337 523

**Gouguenheim Lucienne**  
 Observ  
 ARPEGES  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7604  
 ☎ 33 1 45 07 7939  
 ✉ gouguenheim@obsppm.fr

**Gould Robert J**  
 Physics Dpt  
 UCSD  
 B 01  
 La Jolla CA 92093 0216  
 USA  
 ☎ 1 619 452 3649  
 ☎ 1 619 534 2294

**Goupil Marie-Jose**

Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7880  
① 33 1 45 07 7872  
✉ MarieJo.Goupil@obspm.fr

**Gouttebroze Pierre**  
IAS

Bt 121  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 85 8621  
① 33 1 69 85 8675  
✉ gouttebroze@ias.fr

**Govinder Keshlan S**

School Maths/Statistical Sci  
Univ Ntal  
4041 Durban  
South Africa  
☎ 27 31 260 3021  
① 27 31 260 2632  
✉ govinder@scifs1.und.ac.za

**Gower Ann C**

Physics Dpt  
Univ Victoria  
Box 1700  
Victoria BC V8W 2Y2  
Canada  
☎ 1 250 721 7700  
① 1 250 721 7715

**Gower J F R**

1615 Mctavish Rd Rr 2  
Sidney BC V8I 3S1  
Canada  
☎ 1 250 656 5457

**Goy Gerald**

Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
① 41 22 755 3983

**Goyal A N**

Mathematics Dpt  
Univ Rajasthan  
Jaipur 302 004  
India  
☎ 91 14 151 5060

**Goyal Ashok Kumar**

Dpt Phys/Astrophys  
Univ Delhi  
Delhi 110 007  
India  
☎ 91 11 558 0982  
✉ agoyal@ducos.ernet.in

**Gozhy Adam**

Poltava Gravimetric  
Observ  
Mjasojedova 27/29  
314029 Poltava  
Ukraine  
☎ 380 5322 72039  
① 380 5322 74903  
✉ gozhy@geo.koltava.ua

**Graboske Jr Harold C**

LLNL  
L 23  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 422 7262  
① 1 415 423 0238

**Grabowski Boleslaw**

Inst Physics  
Pedagogical Univ  
Ul Oleska 48  
PL 45 951 Opole  
Poland  
☎ 48 12 37 4777\*280  
① 48 12 3 2243

**Grachev Stanislav I**

Astron Inst  
St Petersburg Univ  
Bibliotechnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 428 4163  
① 7 812 428 6649  
✉ vayak@astro.lgu.spb.ru

**Gradie Jonathan Carey**

Inst Geophysics  
Univ Hawaii  
2525 Correa Rd  
Honolulu HI 96822  
USA  
☎ 1 808 956 6488  
① 1 808 988 2790

**Gradsztajn Eli**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 640 8208  
① 972 3 640 8179

**Grady Carol Anne**

Physics Dpt  
The Catholic Univ  
Box America  
Washington DC 20064  
USA  
☎ 1 202 319 5315  
① 1 202 319 5579

**Grady Monica M**

Dpt Mineralogy  
Natural History Museum  
Cromwell Road  
London SW7 5BD  
UK  
☎ 44 207 942 5709  
① 44 207 942 5537  
✉ m.grady@nhm.ac.uk

**Graham David A**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 282  
① 49 228 525 229

**Graham Eric**

Direct Algorithms  
Box 2301  
Tubac AZ 85646  
USA

**Graham John A**

Dpt Terrest Magnetism  
Carnegie Inst Washington  
5241 Bd Branch Rd NW  
Washington DC 20015 1305  
USA  
☎ 1 202 686 4370  
✉ graham@jag.ciw.edu

**Grahl Bernd H**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 225 731 12  
① 49 228 525 229

**Grainger John F**

Three-One-Four-Scorradale  
ORPHIR  
Orkney KW17 2RF  
UK

**Gramann Mirt**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 410 265  
① 372 7 410 205

**Grandi Steven Aldridge**

NOAO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
① 1 520 325 9360

**Grandpierre Attila**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
① 36 1 275 4668  
✉ grandp@ogyalla.konkoly.hu

**Grant Ian P**

Pembroke College  
Oxford OX1 1DW  
UK  
☎ 44 186 524 2271

**Granveaud Michel**

Observ  
LPTF  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 43 20 1210  
① 33 1 44 32 8001

**Grasdalen Gary L**

Dpt Phys/Astronomy  
Univ Wyoming  
Box 3905  
Laramie WY 82071  
USA  
① 1 307 766 2652

**Gratchev Valery**  
Inst Applied Astronomy  
Zhdanovskaya St 8  
197110 St Petersburg  
Russia  
☎ 7 812 230 74 13  
☎ 7 812 230 74 13  
✉ gratch@isida.ipa.rssi.ru

**Gratton Raffaele G**  
Dpt Astronomia  
Univ di Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3442  
☎ 39 049 875 4345  
✉ gratton@pd.astro.it

**Grauer Albert D**  
Dpt Phys/Astronomy  
UALR  
33rd/Univ  
Little Rock AR 72204  
USA  
☎ 1 501 569 3275

**Gray David F**  
Dpt Phys/Astronomy  
Univ W Ontario  
London ON N6A 3K7  
Canada  
☎ 1 519 679 2111\*6715  
☎ 1 519 661 2033  
✉ dfgray@uwo.ca

**Gray Norman**  
Dpt Phys/Astronomy  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855\*4153  
☎ 44 14 13 349 029  
✉ norman@astro.gla.ac.uk

**Gray Peter Murray**  
AAO  
Box 296  
Epping NSW 2121  
Australia  
☎ 61 2 868 1666  
☎ 61 2 9876 8536

**Gray Richard O**  
Dpt Phys/Astronomy  
Appalachian State Univ  
Boone NC 28608  
USA  
☎ 1 704 262 2430  
☎ 1 704 262 2049  
✉ grayro@appstate.edu

**Grayzeck Edwin J**  
Physics Dpt  
Univ Nevada  
4505 S Maryland Parkway  
Las Vegas NV 89154  
USA  
☎ 1 702 739 3507  
☎ 1 702 739 0804

**Grebel Eva K.**  
MPI Astronomie  
Koenigstuhl 17  
D 69117 Heidelberg  
Germany  
☎ 49 6221 528 225  
☎ 49 6221 528 246  
✉ grebel@mpia-hd.mpg.de

**Grebenev Sergei A**  
Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 3377  
☎ 7 095 333 5377  
✉ grebenev@hea.iki.rssi.ru

**Grebenikov Evgenij A**  
Lomonosov State Univer  
117234 Moscow  
Russia

**Grec Gerard**  
Dpt Astrophysique  
Universite Nice  
Parc Valrose  
F 06034 Nice Cdx  
France  
☎ 33 4 93 51 9100  
☎ 33 4 93 52 9806

**Gredel Roland**  
Ctr Astron Hispano Aleman  
Reina 66 9b  
Apt C 511  
E 04048 Almeria  
Spain  
☎ 34 9 502 30988  
☎ 34 9 502 30373  
✉ gredel@caha.es

**Green Anne**  
School Physics  
UNSW  
Dpt Astrophysics  
Sydney NSW 2006  
Australia  
☎ 61 2 9351 2727  
☎ 61 2 9351 7726  
✉ agreen@  
physics.usyd.edu.au

**Green Daniel William E**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7440  
☎ 1 617 495 7231  
✉ green@cfa.harvard.edu

**Green David**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 305  
☎ 44 12 23 354 599  
✉ D.A.Green@  
mrao.cam.ac.uk

**Green Elizabeth M**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 602 621 1513  
✉ bgreen@as.arizona.edu

**Green Jack**  
Dpt Geology  
Calif State Univ  
Long Beach CA 90840  
USA  
☎ 1 213 498 4809

**Green Richard F**  
NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 325 9299  
☎ 1 520 325 9360

**Green Robin M**  
Astronomy Dpt  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855  
☎ 44 14 13 349 029

**Green Simon F**  
Physics Lab  
Univ Kent  
Canterbury CT2 7NR  
UK  
☎ 44 12 27 764 000\*3780  
☎ 44 12 27 762 616

**Greenberg J Mayo**  
R / B Sackler Astrophysics  
Lab  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5804  
☎ 31 71 527 5819  
✉ greenber@  
strw.leidenuniv.nl

**Greenberg Richard**  
Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 6940  
☎ 1 520 621 4933

**Greenhill John**  
Physics Dpt  
Univ Tasmania  
GPO Box 252c  
Hobart TAS 7001  
Australia  
☎ 61 2 202 429  
☎ 61 2 202 410  
✉ grnhil@  
physvax.phys.utas.edu.au

**Greenhill Lincoln J**  
CfA  
HCO/SAO MS 42  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7194  
☎ 1 617 495 7345  
✉ greenhill@  
cfa.harvard.edu

**Greenhouse Matthew A**  
 NASA GSFC  
 Code 685  
 Greenbelt MD 20771  
 USA  
 ☎ 1 301 286 0596  
 ☎ 1 301 286 1753  
 ✉ matt@stars.gsfc.nasa.gov

**Greenstein George**  
 Astronomy Dpt  
 Amherst College  
 Amherst MA 01002  
 USA  
 ☎ 1 413 542 2075  
 ✉ gsgreenstein@amherst.edu

**Greenstein Jesse L**  
 CALTECH  
 Palomar Obs  
 MS 105 24  
 Pasadena CA 91125  
 USA  
 ☎ 1 818 356 4006  
 ☎ 1 818 568 1517

**Gregg Michael David**  
 LLNL  
 L 413  
 Box 80  
 Livermore CA 94550  
 USA  
 ☎ 1 925 423 8946  
 ☎ 1 925 423 0238  
 ✉ gregg@igpp.llnl.gov

**Greggio Laura**  
 Dpt Astronomia  
 Univ d Bologna  
 Via Ranzani 1  
 I 40127 Bologna  
 Italy  
 ☎ 39 051 259 413  
 ☎ 39 051 259 407

**Gregorini Loretta**  
 Istt Radioastronomia  
 CNR  
 Via P Gobetti 101  
 I 40129 Bologna  
 Italy  
 ☎ 39 051 639 9385  
 ☎ 39 051 639 9385  
 ✉ gregorini@ira.bo.cnr.it

**Gregorio-Hetem Jane**  
 IAG/USP  
 Miguel Stefano 4200  
 04301 904 Sao Paulo SP  
 Brazil  
 ☎ 55 11 577 0270  
 ☎ 55 11 577 8599  
 ✉ jane@iagusp.usp.br  
 ✉ jane@dasgal.obspm.fr

**Gregory Philip C**  
 Physics Dpt  
 UBC  
 224 Agricultural Rd  
 Vancouver BC V6T 1W5  
 Canada  
 ☎ 1 604 228 6417  
 ☎ 1 604 228 5324

**Gregory Stephen Albert**  
 Dpt Phys/Astronomy  
 Univ New Mexico  
 Albuquerque NM 87131  
 USA  
 ☎ 1 505 277 5228

**Greisen Eric**  
 NRAO  
 P. O. Box O  
 Socorro NM 87801  
 USA  
 ☎ 1 505 835 7236  
 ☎ 1 505 835 7027  
 ✉ egreisen@nrao.edu

**Greisen Kenneth I**  
 379 Savage Farm Rd  
 Ithaca NY 14850 6505  
 USA

**Grenier Isabelle**  
 DAPNIA/SAP  
 CEA Saclay  
 BP 2  
 F 91191 Gif s Yvette Cdx  
 France  
 ☎ 33 1 69 08 4400  
 ☎ 33 1 69 08 6577  
 ✉ Suzanne.Grenier@obsmpm.fr

**Grenon Michel**  
 Observ  
 Chemin d Maillettes 51  
 CH 1290 Sauverny  
 Switzerland  
 ☎ 41 22 755 2611  
 ☎ 41 22 755 3983  
 ✉ michel.grenon@obs.unige.ch

**Greve Albert**  
 IRAM  
 300 r La Piscine  
 F 38406 S Martin Heres Cdx  
 France  
 ☎ 33 4 76 82 4931  
 ☎ 33 4 76 51 5938

**Grevesse Nicolas**  
 Inst Astrophysique  
 Universite Liege  
 Av Cointe 5  
 B 4000 Liege  
 Belgium  
 ☎ 32 4 254 7510  
 ☎ 32 4 254 7511  
 ✉ grevesse@astro.ulg.ac.be

**Grewing Michael**  
 IRAM  
 300 r La Piscine  
 F 38406 S Martin Heres Cdx  
 France  
 ☎ 33 4 76 82 4953  
 ☎ 33 4 76 51 59 38  
 ✉ grewing@iram.fr

**Greyber Howard D**  
 10123 Falls Rd  
 Potomac MD 20854  
 USA

**Grib Sergey A**  
 Pulkovo Observ  
 Acad Sciences  
 196140 St Petersburg  
 Russia  
 ☎ 7 812 394 5288  
 ☎ 7 812 314 3360  
 ✉ grib@pulkovo.spb.ru

**Griffin Ian Paul**  
 Office Public Outreach  
 STSci  
 3700 San Martin Drive  
 Baltimore 21218  
 USA  
 ☎ 1 410 338 4567  
 ✉ griffin@stsci.edu

**Griffin Matthew J**  
 Astrophysics Group  
 QMWC  
 Mile End Rd  
 London E1 4NS  
 UK  
 ☎ 44 171 975 5555  
 ☎ 44 181 975 5500  
 ✉ mjpg@uk.ac.qmc.star

**Griffin R Elizabeth**  
 6 London Place  
 St Clement's  
 Oxford OX4 1BD  
 UK  
 ☎ 44 1865 273345  
 ☎ 44 1865 273418  
 ✉ remg@astro.ox.ac.uk

**Griffin Roger F**  
 Inst Astronomy  
 The Observatories  
 Madingley Rd  
 Cambridge CB3 0HA  
 UK  
 ☎ 44 12 23 337 548  
 ☎ 44 12 23 337 523  
 ✉ rfg@ast.cam.ac.uk

**Griffith John S**  
 Dpt Math Sci  
 Lakehead Univ  
 Thunder Bay ON P7B 5E1  
 Canada  
 ☎ 1 807 343 8227  
 ✉ griffith@lakheadu.ca

**Griffiths Richard E**  
 Physics Dpt  
 Carnegie Mellon Univ  
 Wean Hall 8311  
 Pittsburgh PA 15213 3890  
 USA  
 ☎ 1 412 268 1886  
 ☎ 1 412 681 0648  
 ✉ griffith@astro.phys.cmu.edu

**Griffiths William K**  
 Physics Dpt  
 Univ Leeds  
 Leeds LS2 9JT  
 UK  
 ☎ 44 1132 333 860  
 ☎ 44 113 233 3846

**Grigorjev Victor M**  
 Sibizmir  
 Acad Sciences  
 664697 Irkutsk 33  
 Russia  
 ☎ 7 395 262 9388

**Grindlay Jonathan E**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7204  
📠 1 617 495 7356

**Grinin Vladimir P**  
Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
📠 380 6554 40704  
✉ grinin@VG1723.spb.edu

**Grinspoon David Harry**  
LASP  
Univ Colorado  
Campus Box 392  
Boulder CO 80309 0392  
USA  
☎ 1 303 492 6230  
📠 1 303 492 6946  
✉ david@sunra.colorado.edu

**Grishchuk Leonid P**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 139 5006  
📠 7 095 939 0126

**Groenewegen Martin**  
MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 3252  
📠 49 893 299 3255  
✉ groen@mpa-garching.mpg.de

**Gronkowski Piotr M**  
Inst Physics  
Pedagogical Univ  
Rejtana 16A Street  
PL 35310 Rzeszow  
Poland  
☎ 48 17 862 5628  
📠 48 17 852 6792  
✉ gronk@atena.univ.rzeszow.pl

**Groote Detlef**  
Hamburger Sternwarte  
Univ Hamburg  
Gojenbergsweg 112  
D 21029 Hamburg  
Germany  
☎ 49 407 252 4112  
📠 49 407 252 4198

**Grosbol Preben Johnson**  
ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6237  
📠 49 893 202 362  
✉ pgrosbol@eso.org

**Gross Peter G**  
714 Oxford Rd  
Bala Cynwyd PA 19004  
USA

**Gross Richard Sewart**  
CALTECH/JPL  
MS 238 332  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 4010  
📠 1 818 393 6890  
✉ rsg@logos.jpl.nasa.gov

**Grossman Allen S**  
Erwin W Fick Observ  
Iowa State Univ  
Ames IA 50011  
USA  
☎ 1 515 294 3666

**Grossman Lawrence**  
Dpt Geophysical Sci  
Univ Chicago  
5734 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 962 8153

**Grossmann-Doerth U**  
Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 328 64  
📠 49 761 319 8111

**Groten Erwin**  
Inst Physik Geod  
Univ Technology  
Petersenstr 13  
D 64287 Darmstadt  
Germany  
☎ 49 615 116 3109  
📠 49 615 116 4512  
✉ groten@ipgs.ipg.verm.tu-darmstadt.de

**Groushinsky Nikolai P**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2858  
📠 7 095 939 0126

**Grubissich C**  
Vi Aosta 34/5  
I 35142 Padova  
Italy  
☎ 39 049 38 301

**Grudler Pierre**  
OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 4 93 40 5353  
📠 33 4 93 40 5353

**GruEFF Gavril**  
Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9385  
📠 39 051 639 9431  
✉ ggrueff@ira.bo.cnr.it

**Gruen Eberhard**  
MPI Kernphysik  
Postfach 103 980  
D 69029 Heidelberg  
Germany  
☎ 49 622 151 6478  
📠 49 622 151 5640  
✉ gruen@dusty.mpi-hp.mpg.de

**Gruenwald Ruth**  
IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
📠 55 11 276 3848  
✉ ruth@orion.iagusp.usp.br

**Grundahl Frank**  
Inst Phys/Astronomy  
Arhus Univ  
Ny Munkergade  
DK 8000 Arhus  
Denmark  
☎ 45 89 42 36 09  
📠 45 86 12 07 40  
✉ fgi@ifa.au.dk

**Gry Cecile**  
LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5900  
📠 33 4 91 66 1855  
✉ cecile.gry@astrsp-mrs.fr

**Grygar Jiri**  
Inst Physics  
Czech Acad Sci  
Na Slovance 2  
CZ 180 00 Praha 8  
Czech Rep  
☎ 420 2 6605 2660  
📠 420 2 858 5443  
✉ grygar@fzu.cz

**Grzedzielski Stanislaw Pr**  
Space Res Ctr  
Polish Acad Sci  
Ul Orzona 21  
PL 01 237 Warsaw  
Poland  
☎ 48 22 40 3766  
📠 48 22 36 8961  
✉ Grzedzielski@cbk.waw.pl

**Gu Qiusheng**

Astronomy Dpt  
Nanjing Univ  
Hankou Road 22  
Nanjing 210093  
China PR  
☎ 86 25 3593 510  
☎ 86 25 3302 728  
✉ qsgu@nju.edu.cn

**Gu Xiaoma**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
☎ 86 871 717 1845

**Guarnieri Adriano**

Osserv Astronom  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 519 593  
☎ 39 051 259 407

**Gubanov Vadim S**

Astrométry/Geodin Lab  
Inst Appl Astron  
Zhdanovskaya St 8  
197110 St Petersburg  
Russia  
☎ 7 812 230 7414  
☎ 7 812 230 7413  
✉ gubanov@  
isida.ipa.rssi.ru

**Gubchenko Vladimir M**

Instte Appl Physics RAS  
46 Ulyanov St  
603600 Nizhny Novgorod  
Russia  
☎ 7 831 238 4381  
☎ 7 831 236 2061  
✉ ua3thw@  
appl.sci-nnov.ru

**Gudehus Donald Henry**

CHARA  
Georgia State Univ  
Atlanta GA 30303 3083  
USA  
☎ 1 404 658 2932  
☎ 1 404 651 1389  
✉ gudehus@chara.gsu.edu

**Gudmundsson Einar H**

Raunvisindastnun  
Haskolans  
Dunhaga 3  
IS 107 Reykjavik  
Iceland  
☎ 354 525 4800  
☎ 354 552 8911  
✉ einar@raunvis.hi.is

**Gudur N**

Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322

**Guedel Manuel**

Paul Scherrer Inst  
Wuerenlingen/Villigen  
CH 5232 Villigen Psi  
Switzerland  
☎ 41 1 632 7129  
☎ 41 1 632 1205  
✉ guedel@  
astro.phys.ethz.ch

**Guelin Michel**

IRAM  
300 r La Piscine  
F 38406 S Martin Heres Cdx  
France  
☎ 33 4 76 42 3383  
☎ 33 4 76 51 5938

**Guenther David**

Astronomy Dpt  
St Mary's Univ  
Halifax NS B3H 3C3  
Canada  
☎ 1 902 420 5832  
✉ dguenther@  
ap.stmarys.ca

**Guenther Eike**

Thueringer Landessternwarte  
Sternwarte 5  
D 07778 Tautenburg  
Germany  
☎ 49 364 278 6355  
☎ 49 364 278 6329  
✉ guenther@  
tls-tautenburg.de

**Guerrero Gianantonio**

Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
☎ 39 09 908 492

**Guertler Joachin**

Astrophysik Inst  
Univ Sternwarte  
Schillergaesschen 2  
D 07745 Jena  
Germany  
☎ 49 364 163 0323  
☎ 49 364 163 0417

**Guessoum Nidhal**

College Technological  
Studies  
Dpt Applied Sciences  
PO Box 42325  
Shuwaikh  
Algeria  
☎ 213 965 484 8210  
☎ 213 965 483 8196  
✉ niguessou@  
cts.paaet.edu.kw

**Guest John E**

UCLLO  
ULO  
Mill Hill Park  
London NW7 2QS  
UK  
☎ 44 208 959 7367  
☎ 44 171 380 7145

**Guesten Rolf**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 379  
☎ 49 228 525 229

**Guetter Harry Hendrik**

USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 602 779 5132  
☎ 1 520 774 3626  
✉ hguetter@nofs.navy.mil

**Guhathakurta Madhulika**

NASA GSFC  
Code 682  
Greenbelt MD 20771  
USA  
☎ 1 301 286 0722  
☎ 1 301 286 1617  
✉ likae@  
madhu.gsfc.nasa.gov

**Guibert Jean**

Observ  
DASGAL  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2098  
☎ 33 1 40 51 2232  
✉ jean.guibert@obspm.fr

**Guichard**

**Jose**  
INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
☎ 52 2 247 2231

**Guiderdoni Bruno**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8098  
☎ 33 1 44 32 8001  
✉ guider@iap.fr

**Guidice Donald A**

AFPL  
Space Physics Div  
Hanscom AFB  
Bedford MA 01731 3010  
USA  
☎ 1 617 861 3989

**Guinan Edward Francis**

Astronomy Dpt  
Villanova Univ  
800 Lancaster Av  
Villanova PA 19085  
USA  
☎ 1 610 519 4823  
☎ 1 610 519 6132  
✉ eguinan@email.vill.edu

**Guinot Bernard R**  
2 r d Soupirs  
F 77590 Chartrettes  
France  
☎ 33 1 64 81 1133  
✉ guinot.bernard@wanadoo.fr

**Gulkis Samuel**  
CALTECH/JPL  
MS 169 506  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 5708  
① 1 818 354 2946

**Gull Stephen F**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 274  
① 44 12 23 354 599

**Gull Theodore R**  
NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6184  
① 1 301 286 1753  
✉ gull@sea.gsfc.nasa.gov

**Gulliver Austin Fraser**  
Dpt Phys/Astronomy  
Univ Brandon  
270 18th Street  
Brandon MB R7A 6A9  
Canada  
☎ 1 204 727 7441  
① 1 204 728 7346  
✉ gulliver@brandonu.ca

**Gulmen Omur**  
Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322

**Gulsecen Hulusi**  
Univ Observ  
Univ Istanbul  
Univ 34452  
34452 Istanbul  
Turkey  
☎ 90 212 522 3597  
① 90 212 519 0834  
✉ ik001@triumv11

**Gulyaev Rudolf A**  
ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 334 0284  
① 7 095 334 0124  
✉ rgulyaev@izmiran.rssi.ru

**Gulyaev Sergei A**  
1 115 Gowing Drive  
Meadowbank  
Auckland 1005  
New Zealand  
✉ gulyaev@xtra.co.nz

**Gunji Shuichi**  
Physics Dpt/Fac Sciences  
Yamagata Univ  
1 4 12 Kojirakawa  
Yamagata 990  
Japan  
☎ 81 236 28 4555  
① 81 236 28 4567  
✉ gunji@ksvax1.kj.yamagata-u.ac.jp

**Gunn Alastair G**  
Jodrell Bank Observ  
Univ Manchester  
Jodrell Bank Lower  
Withington  
Macclesfield SK11 9DL  
UK  
☎ 44 1477 571 321  
① 44 147 757 1618  
✉ agg@jb.man.ac.uk

**Gunn James E**  
Dpt Astrophysical Sci  
Princeton Univ  
Peyton Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 452 3802  
① 1 609 258 1020  
✉ jeg@astro.princeton.edu

**Guo Hongfeng**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ ghf@bao.ac.cn

**Guo Nei-shu**  
Nanjing Astron  
Instrument Factory  
Box 846  
Nanjing  
China PR  
☎ 86 25 64 6191  
① 86 25 71 1256

**Guo Quanshi**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
① 86 25 301 459

**Gupta Ranjan**  
IUCAA  
Post Bag 4  
Ganeshkhind  
Pune 411007  
India  
☎ 91 20 5651 414  
① 91 20 5650 760  
✉ rag@iucaa.ernet.in

**Gupta Sunil K**  
TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 215 2971\*545  
① 91 22 495 2110  
✉ guptask@tifrvax

**Gupta Yashwant**  
NCRA TIFR  
Pune Univ Campus Pb 3  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 212 357 107  
① 91 212 355 149  
✉ ygupta@ncra.tifr.res.in

**Gurm Hardev S**  
Dpt Astronomy/Space Sci  
Univ Panjabi  
Patiala 147 002  
India  
☎ 91 73262\*96

**Gurman Joseph B**  
NASA GSFC  
Code 602 6  
Greenbelt MD 20771  
USA  
☎ 1 301 286 4767  
① 1 301 286 8403  
✉ gurman@gsfc.nasa.gov

**Gurshtein Alexander A**  
Mesa State Colloge  
1818 N 20th Street  
Grand Junction CO 81501  
USA  
☎ 1 970 241 2876  
① 1 970 256 1753  
✉ agurshtein@hotmail.com

**Gursky Herbert**  
NRL  
Code 4100  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 6343

**Gurvits Leonid**  
JIVE  
Box 2  
NL 7991 PD Dwingeloo  
Netherlands  
☎ 31 521 59 6514  
① 31 521 59 7332  
✉ lgurvits@jive.nfra.nl

**Gurzadian Grigor A**  
Garny Space Astronomy Inst  
375002 Yerevan  
Armenia  
☎ 374 53 23 61  
① 374 390 6867  
✉ gurdaz@ipia.sci.am

**Gurzadyan Vahagn G**  
Yerevan Physics Institute  
375036 Yerevan  
Armenia  
☎ 374 2 35 01 50  
① 374 2 35 00 30  
✉ gurzadya@lx2.yerphi.am



**Guseinov O H**

Inst Physics  
Akademgorodoc  
Narimanov Ul 33  
370143 Baku  
Azerbaijan  
☎ 994 39 3951

**Gusejnov Ragim Eh**

Shemakha Astrophysical  
Observ  
Azerbaijan Acad Sci  
373243 Shemakha  
Azerbaijan  
☎ 994 89 22 39 8248

**Guseva Irina S**

Pulkovo Observ  
Acad Sciences  
Pulkovskoye shosse 65/1  
196140 St Petersburg  
Russia  
☎ 7 812 123 4386  
☎ 7 812 123 4922  
✉ irina@ig2825.spb.edu

**Guseva Natalia G**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 2663 110  
☎ 380 44 2662 147  
✉ guseva@mao.kiev.ua

**Gussmann Ernst August**

Lennestrasse 14  
D 14469 Potsdam  
Germany  
☎ 49 331 974 037

**Gustafson Bo A S**

Astronomy Dpt  
Univ Florida  
211 SSRB  
Gainesville FL 32611  
USA  
☎ 1 352 392 7677  
☎ 1 352 392 5089  
✉ gustaf@astro.ufl.edu

**Gustafsson Bengt**

Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
☎ 46 18 471 5999  
✉ Bengt.Gustafsson@  
astro.uu.se

**Gutcke Dietrich**

Carl Zeiss Jena Gmbh  
Tatzens Promenade 1a  
Postfach 125  
D 07740 Jena  
Germany  
☎ 49 364 1640  
☎ 49 364 164 2542

**Guthrie Bruce N G**

5A Sciennes Gardens  
Edinburgh EH9 1BR  
UK  
☎ 44 13 12 294 957

**Gutierrez-Moreno A**

Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101/4002  
☎ 56 2 229 4002

**Guzik Joyce Ann**

LANL  
MS B220 X 2  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 8927  
☎ 1 505 665 4080  
✉ joy@beta.lanl.gov

**Guzzo Luigi**

Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
☎ 39 09 908 492  
✉ guzzo@  
merate.mi.astro.it

**Gwinn Carl R**

Physics Dpt  
Univ California  
Santa Barbara CA 93106  
USA  
☎ 1 805 961 2814  
☎ 1 805 961 4170  
✉ cgwinn@  
voodoo.ucsb.edu

**Gyori Lajos**

Heliophysical Observ  
Box 93  
HU 5701 Gyula  
Hungary  
☎ 36 3 615 53

**Gyulbudaghian Armen L**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 55 34 54  
☎ 374  
✉ agyulb@bao.sci.am

## H

**Habbal Shadia Rifai**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7348  
① 1 617 495 7356

**Habe Asao**  
Physics Dpt  
Hokkaido Univ  
Kita 10 Nishi 8  
Sapporo 060  
Japan  
☎ 81 117 11 2111  
① 81 222 85 132

**Habing Harm J**  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 2727  
① 31 71 527 5819

**Hachenberg Otto**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 73 3658  
① 49 228 73 3672

**Hachisu Izumi**  
Dpt Earth Sciences  
Univ Tokyo  
Meguro Ku  
Tokyo 153  
Japan  
☎ 81 354 546 615  
① 81 334 85 2904  
✉ hachisu@  
chianti.c.u-tokyo.ac.jp

**Hack Margherita**  
OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
① 39 040 30 9418

**Hackwell John A**  
Aerospace Corp  
Box 92957  
Los Angeles CA 90009 2957  
USA  
☎ 1 310 766 6296  
① 1 310 336 7055

**Haddock Fred T**  
Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 313 764 3430  
① 1 313 763 6317

**Hadjidemetriou John D**  
Physics Dpt  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 8211  
① 30 31 99 8037  
✉ hadjidem@  
physics.auth.gr

**Hadley Brian W**  
Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 688 296  
① 44 13 16 688 356  
✉ bwh@roe.ac.uk

**Hadrava Petr**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7141  
① 420 2 88 1611  
✉ had@sunstel.asu.cas.cz

**Haefner Reinhold**  
Inst Astron/Astrofysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6012`  
① 49 89 2180 6003

**Haemeen Anttila Kaarle A**  
Toolonkatu 44A1  
FIN 00 250 Helsinki  
Finland

**Haensel Pawel**  
Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
① 48 22 841 0828  
✉ haensel@camk.edu.pl

**Haerendel Gerhard**  
MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 3516  
① 49 893 299 3569

**Hafizi Mimoza**  
Fak i Shkencave Natyres  
Seksoni I Fizikes Teorike  
AL Tirana  
Albania  
☎ 355 42 40 805  
① 355 42 30 747  
✉ MIMOZA@medu.gov.al

**Hagen Hans-Juergen**  
Hamburger Sternwarte  
Univ Hamburg  
Gojenbergsweg 112  
D 21029 Hamburg  
Germany  
☎ 49 407 252 4136  
① 49 407 252 4198

**Hagen John P**  
2920 Ashby Av  
Las Vegas NV 89102 1945  
USA

**Hagen-Thorn Vladimir A**  
Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 428 4168  
① 7 812 428 7129  
✉ vaht@aispbu.spb.ru

**Hagfors Tor**  
MPI Aeronomie  
Max Planck Str 2  
Postfach 20  
D 37189 Kaltenburg  
Germany  
☎ 49 555 697 90  
① 49 555 697 9240

**Hagio Fumihiko**  
Kumamoto Inst Techn  
Ikeda 4  
Kumamoto 860  
Japan  
☎ 81 963 26 3111  
① 81 963 26 3000

**Hagyard Mona June**  
NASA MSFC  
Space Science Dpt  
Code SD50  
Huntsville AL 35812  
USA  
☎ 1 205 544 7612  
① 1 205 544 5862  
✉ mona.hagyard@  
msfc.nasa.gov

**Hahn Gerhard J**

DLR  
Inst f Planetenerkundung  
Rutherfordstrasse 2  
D 12489 Berlin  
Germany  
☎ 49 30 670 55 417  
① 49 30 670 55 386  
✉ gerhard.hahn@dlr.de

**Haikala Lauri K**

ESO  
Santiago Office  
Casilla 19001  
Santiago 19  
Chile  
☎ 56 2 228 5006  
① 56 2 228 5132  
✉ lhaikala@eso.org

**Hainaut Olivier R**

ESO  
Santiago Office  
Casilla 19001  
Santiago 19  
Chile  
☎ 56 2 228 5006  
① 56 2 228 5132  
✉ ohainaut@eso.org

**Haisch Bernhard Michael**

Lockheed Palo Alto Res Lb  
Dpt 91 30 Bg 252  
3251 Hanover St  
Palo Alto CA 94304 1191  
USA  
☎ 1 415 858 4073  
① 1 415 424 3994  
✉ haisch@  
sag.dnet.nasa.gov

**Hajduk Anton**

Astron Inst  
Slovak Acad Sci  
Dubravská 9  
SK 842 28 Bratislava  
Slovakia  
☎ 421 7 37 5157  
① 421 7 37 5157  
✉ astropor@  
savba.savba.sk

**Hajdukova Maria**

Dpt Astron/Astrophys  
Comenius Univ  
Mlynska Dolina  
SK 842 15 Bratislava  
Slovakia  
☎ 421 7 72 400  
① 421 7 32 5882

**Hajian Arsen R**

USNO  
3450 Massachusetts Ave NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1087  
① 1 202 762 1514  
✉ hajian@usno.navy.mil

**Hakala Pasi J**

Turku Univ  
Tuorla Observ  
Vaesisaelantie 20  
FIN 21500 Piikkio  
Finland  
☎ 358 2 2744 252  
① 358 2 273 3767  
✉ pahakala@astro.utu.fi

**Hakkila Jon Eric**

Dpt Physic / Astronomy  
Minnesota State Univ.,  
Mankato  
141 Trafton Science Center  
N  
Mankato MN 56001  
USA  
☎ 1 507 389 1840  
① 1 161 389 1840  
✉ jon.hakkila@  
mankato.msus.edu

**Halbwachs Jean Louis**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0738  
① 33 3 88 15 0760  
✉ halbwachs@  
astro.u-strasbg.fr

**Hale Alan**

Southwest Inst Space  
Research  
15 E Spur Rd  
Cloudcroft NM 88317  
USA  
☎ 1 505 687 2075  
① 1 505 687 2075  
✉ ahale@nmsu.edu

**Hall Andrew Norman**

Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RQ  
UK  
☎ 44 186 527 3999  
① 44 186 527 3947

**Hall Donald N**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 8312  
① 1 808 988 2790

**Hall Douglas S**

Dyer Observ  
Vanderbilt Univ  
Box 1803  
Nashville TN 37235  
USA  
☎ 1 615 373 4897  
① 1 615 371 3904  
✉ hallxxds@  
ctrvax.vanderbilt.edu

**Hall Peter J**

CSIRO  
ATNF  
Locked Bag 194  
Narrabri NSW 2390  
Australia  
☎ 61 67 959 205  
① 61 67 959 255  
✉ phall@atnf.csiro.au

**Hall R Glenn**

3612 Spring St  
Chevy Chase MD 20815  
USA  
☎ 1 301 652 7221

**Hallam Kenneth L**

701 East Capital St  
Washington DC 20003 1345  
USA

**Hallan Prem P**

Dpt Mathematics  
Zakir Husain College  
Jawaharlal Nehru Marc  
New Delhi 110002  
India  
☎ 91 011 3233 420

**Halliday Ian**

825 Killleen Av  
Ottawa ON K2A 2X8  
Canada  
☎ 1 613 728 1497

**Hamabe Masaru**

Japan Women's Univ  
Dpt Mathematical & Physical  
Sci  
2-8-1 Mejirodai, Bunkyo-ku  
Tokyo 112 8681  
Japan  
☎ 81 3 5981 3620  
① 81 3 5981 3602  
✉ hamabe@fc.jwu.ac.jp

**Hamajima Kiyotoshi**

171 Kami No Kura 1 chome  
Midori Ku  
Nagoya 458  
Japan

**Hamann Wolf-Rainer**

Inst Theor Physics  
Univ Potsdam  
Postfach 60 15 53  
D 24415 Potsdam  
Germany  
☎ 49 331 977 1054  
① 49 331 977 1107  
✉ wrh@carina.  
astro.physik.uni-potsdam.de

**Hambayan Valeri V**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
① 374 88 52 52 3640  
✉ byurakan@  
adonis.ias.msk.su

**Handy M A M**

NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
① 20 62 21 405 297

**Hameury Jean-Marie**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0739  
① 33 3 88 15 0760  
✉ hameury@  
astro.u-strasbg.fr

**Hamid S El Din**

Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
① 20 2 572 7556

**Hamilton Andrew J S**

JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 7833  
① 1 303 492 5235  
✉ Andrew.Hamilton@colorado.edu

**Hamilton P A**

Geelong Campus  
Pro Vice Chancellor  
Deakin Univ  
Geelong VIC 3217  
Australia  
☎ 61 3 5227 1147  
① 61 2 5227 2175  
✉ pip.hamilton@deakin.edu.au

**Hammel Heidi B**

Dpt Earth Science  
MIT Rm 54 416  
77 Massachusetts Avenue  
Cambridge MA 02139  
USA  
☎ 1 617 253 7568  
① 1 617 253 2886  
✉ hbh@astron.mit.edu

**Hammer Francois**

Observ  
DAEC  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7408  
① 33 1 45 07 7123  
✉ hammer@obspm.fr

**Hammer Reiner**

Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 319 8216  
① 49 761 3198 111  
✉ hammer@kis.uni-freiburg.de

**Hammerschlag Robert H**

Sterrekundig Inst Utrecht  
Box 80000  
NL 3508 TA Utrecht  
Netherlands  
☎ 31 30 253 5218  
① 31 30 253 1601  
✉ R.H.Hammerschlag@astro.uu.nl

**Hammerschlag-Hensberge G**

Astron Inst  
Univ Amsterdam  
Kruislaan 403  
NL 1098 SJ Amsterdam  
Netherlands  
☎ 31 20 525 7491/7492  
① 31 20 525 7484  
✉ r.h.hammerschlag@fyf.ruu.nl

**Hammond Gordon L**

Mathematics Dpt  
Univ S Florida  
Astronomy Program  
Tampa FL 33620  
USA  
☎ 1 813 783 1226

**Hamuy Mario**

Univ Arizona  
Steward Observ  
Tucson AZ 85721  
USA  
☎ 1 520 621 2288  
✉ Mhamuy@as.arizona.edu

**Hamzaoglu Esat E H**

KACST  
Box 2455  
Riyadh 11453  
Saudi Arabia  
☎ 966 1 467 6324  
① 966 1 467 4253

**Han Cheongho**

Dpt Astronomy / Space  
Science  
Chungbuk National Univ  
Chongju  
Korea RP  
☎ 82 431 261 3244  
① 82 431 272 0695  
✉ cheongho@ast.chungbuk.ac.kr

**Han Jinlin**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7278  
① 86 10 6487 7288  
✉ hjl@bao.bao.ac.cn

**Han Tianqi**

Inst Geodesy/  
Geophysics  
Xu Dong Lu  
Wuchang 430077  
China PR  
☎ 86 81 3712\*570  
✉ bwu@asch.whigg.ac.cn

**Han Wenjun**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6488 8704

**Han Wonyong**

Korea Astronomy Observ  
61 1 HWA-AM Dong  
Yusung  
Taejeon 305 348  
Korea RP  
☎ 82 42 865 3219  
① 82 42 861 5610  
✉ whan@kao.re.kr

**Han Yanben**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ hyb@bao.bao.ac.cn

**Han Zhanwen**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
① 86 871 717 1845

**Han Zhengzhong**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 330 3921  
① 86 25 330 1459

**Hanami Hitoshi**

Physics Section/Fac  
Humanities  
Iwate Univ  
Ueda 3-chome 18- 34  
Morioka 020- 8550  
Japan  
☎ 81 19 621 6816  
① 81 19 621 6715  
✉ hanami@iwate-u.ac.jp

**Hanaoka Yoichiro**

Ntl Astron Observ  
2 21 1 Osawa  
Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3730  
① 81 422 34 3742  
✉ hanaoka@nro.noa.ac.jp

**Hanasz Jan**

Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018  
① 48 56 24 602

**Hanawa Tomoyuki**

Astrophysics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 527 81 6769  
① 81 527 89 2845

**Hanbury Brown Robert**  
White Cottage  
Penton Mewsey  
Hants SP11 0RQ  
UK  
☎ 44 126 477 2334

**Handa Toshihiro**  
Inst Astro/Fac Science  
Univ Tokyo  
Osawa 2- 21- 1 Mitaka  
Tokyo 181- 0015  
Japan  
☎ 81 422 34 3735  
① 81 422 34 3749  
✉ handa@  
mtk.iao.s.u-tokyo.ac.jp

**Handler Gerald**  
SAAO  
PO Box 9  
Observatory 7935  
South Africa  
☎ 27 21 442 0035  
① 27 21 447 3639  
✉ gerald@sao.ac.za

**Hanes David A**  
Physics Dpt  
Queen's Univ  
Kingston ON K7L 3N6  
Canada  
☎ 1 613 547 5750  
① 1 613 545 6463

**Hang Hengrong**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 330 3921  
① 86 25 330 1459

**Haniff Christopher**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 363  
① 44 12 23 354 599  
✉ cah@mrao.cam.ac.uk

**Hanisch Robert J**  
STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4910  
① 1 410 338 4767  
✉ hanisch@stsci.edu

**Hankins Timothy Hamilton**  
Dpt Phys/Astronomy  
New Mexico Tech  
Campus Station  
Socorro NM 87801  
USA  
☎ 1 505 476 8011  
① 1 505 835 7027  
✉ thankins@nrao.edu

**Hanlon Lorraine O**  
Dpt Experimental Physics  
Univ College Dublin  
Stillorgan Road Belfield  
Dublin 4  
Ireland  
☎ 353 1 706 2214  
① 353 1 283 7275  
✉ lhanlon@bermuor.uco.ie

**Hanner Martha S**  
CALTECH/JPL  
MS 183 601  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 4321  
① 1 818 393 4605  
✉ msh@scn2.jpl.nasa.gov

**Hannestad Steen**  
Nordita  
Blegdamsvej 17  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 52 30  
① 45 35 38 91 57  
✉ steen@nordita.dk

**Hannikainen Diana C**  
Dpt Physics / Astron  
Univ Southampton  
Southampton SO17 1BJ  
UK  
☎ 44 23 8059 3918  
① 44 23 8059 3910  
✉ dch@astro.stoton.ac.uk

**Hanninen Jyrki**  
Tuorla Observ  
Univ Turku  
Vaaislaentie 20  
FIN 21500 Piikio  
Finland  
☎ 358 2 2744 265  
① 358 2 2433 767  
✉ Jyrki.Hanninen@  
astro.utu.fi

**Hansen Carl J**  
JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 7811  
① 1 303 492 5235

**Hansen Leif**  
Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5983  
① 45 35 32 5989  
✉ leif@astro.ku.dk

**Hansen Richard T**  
2831 Cabrillo St  
San Francisco CA 94121  
USA  
☎ 1 415 752 9412

**Hanslmeier Arnold**  
Inst Astronomie  
Karl-Franzens-Univ  
Universitaetsplatz 5  
A 8010 Graz  
Austria  
☎ 43 316 380 5275  
① 43 316 384 091

**Hanson Robert B**  
Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2755  
① 1 831 426 3115  
✉ hanson@ucolock.org

**Hansteen Viggo**  
Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 501  
① 47 22 85 6505

**Hantzios Panayiotis**  
Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 346 1191  
① 30 1 346 4566

**Hanuschik Reinhard**  
ESO  
Karl-Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6742  
✉ rhanusch@eso.org

**Hao Jinxin**  
Beijing Astron Observ  
CAS  
Chaoyang District  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6488 8712  
✉ hjx@bao.ac.cn

**Hao Yunxiang**  
Astronomy Dpt  
Beijing Normal Univ  
Beijing 100875  
China PR  
☎ 86 1 65 6531\*6285  
① 86 1 201 3929

**Hapke Bruce W**  
Dpt Geol/Planetary Sci  
Univ Pittsburgh  
321 Old Eng Hall  
Pittsburgh PA 15235  
USA  
☎ 1 412 624 4719  
① 1 412 624 3914

**Hara Hirohisa**

National Astron Observ  
Solar Physics Div  
2 21 1 Osawa, Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3718  
📞 81 422 34 3700  
✉ hara@  
solar.mtk.nao.ac.jp

**Hara Tadayoshi**

NAO  
2 10 Hoshigaoka  
Mizusawa Shi  
Iwate 023  
Japan  
☎ 81 197 24 7111  
📞 81 197 22 7120

**Hara Tetsuya**

Physics Dpt  
Kyoto Sangyo Univ  
Kitaku Kamigamo  
Kyoto 603 - 8555  
Japan  
☎ 81 75 705 1607  
📞 81 75 705 1640  
✉ hara@cc.kyoto-su.ac.jp

**Hardcastle Martin J**

Dpt Physics  
Univ Bristol  
Tyndall Av  
Bristol B58 1TL  
UK  
☎ 44 11 79 289 051  
📞 44 11 79 255 624  
✉ m.hardcastle@  
bristol.ac.uk

**Hardebeck Ellen G**

3106 Tumbleweed Rd  
Bishop CA 93514  
USA

**Hardee Philip**

Dpt Phys/Astronomy  
Univ Alabama  
Box 1921  
University AL 35487 0324  
USA  
☎ 1 205 348 5050  
📞 1 205 348 5050

**Hardy Eduardo**

NRAO  
Camino del Observatorio  
1515  
Las Condes  
Santiago de Chile  
Chile  
☎ 1 562 224 8083  
📞 1 562 224 8087  
✉ ehardy@nrao.edu

**Harju Jorma Sakari**

Helsinki Univ  
Observ  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 19 12 2940  
📞 358 19 12 2952

**Harlaftis Emiliios**

Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 804 0619 \*11  
📞 30 1 301 804 0453  
✉ ehh@astro.noa.gr

**Harmanec Petr**

Inst Astronomy  
Charles Univ  
Charlesovickach 2  
V Holesovickach 2  
CZ 180 Praha 8 Troja  
Czech Rep  
☎ 420 2 219 12 573  
📞 420 2 219 12 577  
✉ hec@sunstel.asu.cas.cz

**Harmer Charles F W**

6250 N Calle Campeche  
Tucson AZ 85750  
USA  
☎ 1 520 318 8342  
📞 1 520 318 8360  
✉ charmer@noao.edu

**Harmer Dianne L**

NOAO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 325 9218  
📞 1 520 325 9360  
✉ diharmer@noao.edu

**Harms Richard James**

8101 Hinson Farm Road  
Suite 112  
Alexandria VA 22306  
USA  
☎ 1 703 619 1068  
📞 1 703 313 5018  
✉ harms@rjhsci.com

**Harnden Jr Frank R**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7143  
📞 1 617 495 7356

**Harnett Julieine**

UTS/ Fac Engineering  
Level 24 Tower Building  
PO Box 123  
Broadway 2007 NSW  
Australia  
☎ 61 2 9514 2413  
📞 61 2 9514 2435  
✉ jules@eng.uts.edu.au

**Harpaz Amos**

Dpt Physics/Space Res  
IIT  
Technion City  
Haifa 32000  
Israel  
☎ 972 4 293 521  
✉ phr89ah@  
technix.technion.ac.il

**Harper David**

36 Hollytrees  
Bar Hill  
Cambridge CB3 8SF  
UK  
☎ 44 19 54 782 352  
✉ david@  
obliquity.u-net.com

**Harper Graham M**

CASA  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0389  
USA  
☎ 1 303 492 3406  
📞 1 303 492 4052  
✉ gmh@casa.colorado.edu

**Harrington J Patrick**

Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 454 5944  
📞 1 301 314 9067

**Harris Alan William**

DLR  
Inst f Planetenerkundg  
Rudower Chaussee 5  
D 12489 Berlin  
Germany  
☎ 49 306 705 5324  
📞 49 306 705 5386  
✉ harris@terra.pc.ba.dlr.de

**Harris Alan William**

CALTECH/JPL  
MS 183 501  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 6741  
📞 1 818 354 0966  
✉ awharris@  
lithos.jpl.nasa.gov

**Harris Daniel E**

CfA  
HCO/SAO MS 3  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7148  
📞 1 617 495 7356  
✉ harris@cfa.harvard.edu

**Harris Gretchen L H**

Physics Dpt  
Univ Waterloo  
Waterloo ON N2L 3G1  
Canada  
☎ 1 519 885 1211  
📞 1 519 746 8115  
✉ glharris@  
astro.waterloo.edu

**Harris Hugh C**

USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 520 779 5132  
📞 1 520 774 3626

**Harris William E**  
Physics Dpt  
McMaster Univ  
Hamilton ON L8S 4M1  
Canada  
☎ 1 416 525 9140  
☎ 1 416 546 1252  
✉ harris@  
physun.physics.mcmaster.ca

**Harris-Law Stella**  
21 Warneford St  
London E9 UK  
UK

**Harrison Edward R**  
11E Orange Grove Rd 815  
Tucson AZ 85704  
USA  
☎ 1 520 498 0979

**Harrison Richard A**  
Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 446 884  
☎ 44 12 35 446 509  
✉ R.A.Harrison@rl.ac.uk

**Hart Michael H**  
7301 Masonville Dr  
Annandale VA 22003  
USA

**Harten Ronald H**  
RCA Astro Electronic  
TB 1  
Box 800  
Princeton NJ 08540  
USA  
☎ 1 609 426 3551

**Hartkopf William I**  
USNO  
Astrometry Dpt  
3450 Massachusetts Av NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1478  
☎ 1 202 762 1516  
✉ wih@usno.navy.mil

**Hartl Herbert**  
Inst Astronomie  
Technikerstr 15  
A 6020 Innsbruck  
Austria  
☎ 43 512 507 6039  
☎ 43 512 507 2923  
✉ Herbert.Hartl@  
uibk.ac.at

**Hartmann Dieter H**  
202 Tamasee Dr  
Clemson SC 29633  
USA  
☎ 1 803 656 5298  
☎ 1 803 656 0805  
✉ hartmann@  
biophy.phys.clemson.edu

**Hartmann Lee William**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7487  
☎ 1 617 495 7356

**Hartmann William K**  
Planetary Science Inst  
620 N Sixth Av  
Tucson AZ 85705 8331  
USA  
☎ 1 520 662 6300  
☎ 1 520 622 8060  
✉ psikey@psi.edu

**Hartoog Mark Richard**  
Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2513  
☎ 1 831 426 3115

**Hartquist Thomas Wilbur**  
Dpt Physics / Astron  
The University  
Leeds LS2 9JT  
UK  
☎ 44 11 32 333 885  
☎ 44 11 32 333 900  
✉ twh@ast.leeds.ac.uk

**Hartwick F David A**  
Physics Dpt  
Univ Victoria  
Box 1700  
Victoria BC V8W 2Y2  
Canada  
☎ 1 250 721 7742  
☎ 1 250 721 7715

**Harutyunian Haik A**  
Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
☎ 374 88 52 52 3640  
✉ hhaik@bao.sci.am

**Harvel Christopher Alvin**  
6161 Steven's Forest Rd  
Columbia MD 21045  
USA  
☎ 1 301 964 0211

**Harvey Christopher C**  
Observ  
DESPA  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7669  
☎ 33 1 45 07 7971

**Harvey Gale A**  
NASA Langley Res Ctr  
Atmosph Sci Div  
MS 401a  
Hampton VA 23665 5225  
USA  
☎ 1 804 965 2000

**Harvey John W**  
NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
☎ 1 520 325 9278  
✉ jharvey@noao.edu

**Harvey Paul Michael**  
Astronomy Dpt  
Univ Texas  
R1m 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 4461  
☎ 1 512 471 6016  
✉ pmh@  
astro.as.utexas.edu

**Harwit Martin**  
511 H St SW  
Washington DC 20024 2725  
USA  
☎ 1 202 479 6877  
☎ 1 202 484 2654  
✉ martin.harwit@ibm.net

**Hasan Hashima**  
CODE SR  
NASA HQ  
400 E Street SW  
Washington DC 20546  
USA  
☎ 1 202 358 1588  
☎ 1 202 358 3097  
✉ hashima.hasan@  
hq.nasa.gov

**Hasan Saiyid Strajul**  
IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585  
☎ 91 80 553 4043

**Haschick Aubrey**  
Haystack Observ  
Westford MA 01886  
USA  
☎ 1 617 692 4764  
☎ 1 617 981 0590

**Hasegawa Ichiro**  
4-18-5 Fujiwaradai Kita  
Kiya Ku  
Kobe 651 13  
Japan  
☎ 81 789 82 5255

**Hasegawa Tatsuhiro**  
Physics Dpt  
Univ Calgary  
2500 Univ Dr NW  
Calgary AB T2N 1N4  
Canada  
☎ 1 403 220 2856  
☎ 1 406 289 3331  
✉ hasegawa@  
iras.ucalgary.ca

**Hasegawa Tetsuo**  
Inst Astronomy  
Univ Tokyo  
2 21 1 Osawa Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3737  
☎ 81 422 34 3749  
✉ tetsuo@  
ghz.mtk.ioa.u-tokyo.ac.jp

**Haser Leo N K**  
Zur-Deutschen-Einheit 5 B  
D 81929 Muenchen  
Germany

**Hashimoto Masa-aki**  
Physics Dpt  
College Gnl Edu  
Kyushu Univ Ropponmatsu  
Fukuoka 810  
Japan  
☎ 81 927 71 4161\*360  
☎ 81 927 31 8745

**Hashimoto Osamu**  
Gunma Astron Observ  
1 18 7 Ohdomo  
Maebashi  
Gunma 371 0847  
Japan  
☎ 81 27 254 2882  
☎ 81 27 254 2883  
✉ osamu@  
astron.pref.gunma.jp

**Hasinger Guenther**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 7499 381  
☎ 49 331 7499 267  
✉ ghasinger@aip.de

**Haslam C Glyn T**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 0  
☎ 49 228 525 229

**Hassall Barbara J M**  
Ctr for Astrophysics  
Univ Central  
Lancashire  
Preston PR1 2HE  
UK  
☎ 44 177 289 3569  
☎ 44 177 289 2903  
✉ b.j.m.hassall@  
uclan.ac.uk

**Hassan S M**  
NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
☎ 20 62 21 405 297

**Haswell Carole A**  
Dpt Physics / Astron  
Open Univ  
Walton Hall  
Milton Keynes MK7 6AA  
UK  
☎ 44 19 08 653 229  
☎ 44 19 08 654 192  
✉ chaswell@open.ac.uk

**Hatchell Jennifer**  
MPIR  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 273  
☎ 49 228 525 229  
✉ hatchell@  
mpifr-bonn.mpg.de

**Hathaway David H**  
NASA MSFC  
Space Science Lab  
Code ES 52  
Huntsville AL 35812  
USA  
☎ 1 205 544 7610  
☎ 1 205 547 7754

**Hatsukade Isamu**  
Fac Eng  
Miyazaki Univ  
Gakuen Kibanadai Nishi  
Miyazaki 889 21  
Japan  
☎ 81 985 58 2867  
☎ 81 985 55 3058  
✉ hatsukade@  
astro.miyazaki-u.ac.jp

**Hatzes Artie P**  
Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 1473  
☎ 1 512 471 6016  
✉ artie@  
astro.as.utexas.edu

**Hatzidimitriou Despina**  
Physics Dpt  
Univ Crete  
Box 2208  
GR 710 03 Heraklion  
Greece  
☎ 30 81 394212  
☎ 30 81 394201  
✉ dh@physics.ucl.ac.uk

**Haubold Hans Joachim**  
UN Outer Space Office  
Room E0947  
Vienna International Centre  
A 1400 Wien  
Austria  
☎ 43 1 260 60 49 49  
☎ 43 1 260 06 58 30  
✉ haubold@  
kph.tuwien.ac.at

**Hauck Bernard**  
Inst Astronomie  
Univ Lausanne  
CH 1290 Chavannes d Bois  
Switzerland  
☎ 41 22 755 2611  
☎ 41 22 779 1580  
✉ Bernard.Hauck@  
obs.unige.ch

**Haud Urmas**  
Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 410 305  
☎ 372 7 410 205  
✉ urmas@aai.ee

**Hauge Oivind**  
Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 502  
☎ 47 22 856 505

**Haupt Hermann F**  
Waltendorfer Hauptstr. 141  
A 8042 Graz  
Austria  
☎ 43 316 465 170  
☎ 43 316 467 365  
✉ hermann.haupt@  
kfunigraz.ac.at

**Hauschildt Peter H**  
Dpt Phys/Astronomy  
Univ Georgia  
Athens GA 30602 2451  
USA  
☎ 1 706 542 2485  
☎ 1 706 542 2492  
✉ yeti@  
hal.physast.uga.edu

**Hauser Michael G**  
NASA GSFC  
Code 680  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8701  
☎ 1 301 286 1753  
✉ hauser@  
stars.gsfc.nasa.gov

**Havlen Robert J**  
315 Urbano Dr.  
San Francisco CA 94127  
USA  
☎ 1 415 337 1100  
☎ 1 415 337 5205  
✉ rhavlen@stars.sfsu.edu



**Havnes Ove**

Auroral Observ  
Univ Tromso  
Box 953  
N 9001 Tromso  
Norway  
☎ 47 83 86 060

**Hawarden Timothy G**

Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 969 6512  
① 1 808 961 6516  
✉ hawarden@  
jach.hawaii.edu

**Hawkes Robert Lewis**

Physics Dpt  
Mount Allison Univ  
Sackville Nb E0A 3C0  
Canada  
☎ 1 506 364 2582  
① 1 506 364 2580  
✉ rhawkes@mta.ca

**Hawking Stephen W**

Dpt Appl Maths/Theor Phys  
Silver Street  
Cambridge CB3 9EW  
UK  
☎ 44 12 23 337 00  
① 44 12 23 337 918

**Hawkins Gerald S**

Consul 906  
2400 Virginia Av NW  
Washington DC 20037  
USA  
☎ 1 202 485 2050

**Hawkins Isabel**

Ctr for EUV Astrophys  
Univ California  
2150 Kittredge St  
Berkeley CA 94720 5030  
USA  
☎ 1 510 643 5662  
① 1 510 643 5660  
✉ isabelh@  
cea.berkeley.edu

**Hawkins Michael R S**

Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 673 321  
① 44 13 16 688 356

**Hawley Suzanne Louise**

Physics/Astronomy Dpt  
Michigan State Univ  
East Lansing MI 48824  
USA  
☎ 1 517 353 8667  
① 1 517 535 4500  
✉ hawley@pa.msu.edu

**Hayashi Chushiro**

Momoyama Yogoro-cho 1  
Fushimi Ku  
Kyoto 612  
Japan  
☎ 81 756 11 1062

**Hayashi Masahiko**

Subaru Telescope  
650 North Aohoku Place  
Hilo HI 86720  
Japan  
✉ masa@subaru.naoj.org

**Hayashi Saeko S**

Subaru Telescope  
NAOJ  
650 N A'Ohoku Place  
Hilo HI 96720  
USA  
☎ 1 808 934 5947  
① 1 808 934 5984  
✉ saeko@subaru.naoj.org

**Hayes Donald S**

Box 1907  
Scotsdale AZ 85252  
USA

**Hayli Avram**

CRAL Observ Lyon  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 86 8528  
① 33 4 72 86 8386  
✉ hayli@obs-univ.lyon1.fr

**Haymes Robert C**

Dpt Space Phys/Astron  
Rice Univ  
Box 1892  
Houston TX 77251 1892  
USA  
☎ 1 713 227 4962  
① 1 713 285 5954  
✉ rhaymes@  
alfven.rice.edu

**Haynes Martha P**

Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 256 3734  
① 1 607 255 1767

**Haynes Raymond F**

CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0 276  
① 61 2 868 0457  
✉ rhaynes@rpepping.oz.au

**Haynes Roslynn**

School Physics  
UNSW  
Sydney NSW 2052  
Australia  
☎ 61 2 9487 2138  
① 61 2 9489 6058  
✉ R.Haynes@unsw.edu.au

**Hayward John**

Dpt Maths/Computing  
Polytechnic Wales  
Pontypridd  
Mid Glamorgan CF38 2PJ  
UK

**Haywood J**

TCD  
Physics Dpt  
College Green  
Dublin 2  
Ireland  
☎ 353 1 608 1675  
① 353 1 671 1759

**Hazard Cyril**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523

**Hazen Martha L**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 3362  
① 1 617 495 7356

**Hazer S**

Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322

**Hazlehurst John**

Hamburger Sternwarte  
Univ Hamburg  
Gojenbergsweg 112  
D 21029 Hamburg  
Germany  
☎ 49 407 252 4137  
① 49 407 252 4198

**He Miao-fu**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618

**He Xiang-Tao**

Astronomy Dpt  
Beijing Normal Univ  
Beijing 100875  
China PR  
☎ 86 10 622 07 832  
① 86 10 622 00 567  
✉ xthe@bnu.edu.cn

**Heap Sara R**

NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA

☎ 1 301 286 8701  
✉ hrsheap@stars.gsfc.nasa.gov

**Hearn Anthony G**

Sterrekundig Inst Utrecht  
Box 80000  
NL 3508 TA Utrecht  
Netherlands

☎ 31 30 253 5202  
① 31 30 253 5201  
✉ A.G.Hearn@astro.uu.nl

**Hearnshaw John B**

Dpt Phys/Astronomy  
Univ Canterbury  
Private Bag 4800  
Christchurch 1  
New Zealand

☎ 64 3 364 253371  
① 64 3 364 2469  
✉ j.hearnshaw@phys.canterbury.ac.nz

**Heasley James Norton**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA

☎ 1 808 956 6826  
① 1 808 988 2790

**Heavens Alan**

Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK

☎ 44 13 16 688 352  
① 44 13 16 688 356  
✉ afh@roe.ac.uk

**Heber Ulrich**

Dr Remeis Sternwarte  
Univ Erlangen-Nuernberg  
Sternwartstr 7  
D 96049 Bamberg  
Germany

☎ 49 951 952 2214  
① 49 951 952 2222

**Hecht James H**

Aerospace Corp  
MS M2 255  
Box 92957  
Los Angeles CA 90009 2957  
USA

☎ 1 310 336 7017  
① 1 310 336 1636

**Heck Andre**

Observ  
11 r Universite  
F 67000 Strasbourg  
France

☎ 33 3 88 15 0743  
① 33 3 88 49 1255  
✉ heck@astro.u-strasbg.fr

**Heckathorn Harry M**

NRL  
Code 7604  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA

☎ 1 202 767 4198  
① 1 202 404 8445  
✉ harry@vader.nrl.navy.mil

**Heckman Timothy H**

Dpt Physics / Astron  
JHU  
Baltimore MD 21218  
USA

☎ 1 410 516 7369  
① 1 410 516 5096  
✉ heckman@pha.jhu.edu

**Heddle Douglas W O**

Physics Dpt  
Royal Holloway College  
Univ London  
Egham Surrey TW20 0EX  
UK

☎ 44 17 84 353 51

**Hedeman E Ruth**

3440 St Jefferson St  
Falls Church VA 22041  
USA

**Heeschen David S**

NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA

**Hefele Herbert**

ARI  
Moenchhstr 12-14  
D 69120 Heidelberg  
Germany

☎ 49 622 140 50  
① 49 622 140 5297  
✉ hefele@ari.uni-heidelberg.de

**Hefty Jan**

Observ  
Technical Univ  
Radlinskeho 11  
SK 813 68 Bratislava  
Slovakia

☎ 421 7 524 98 047  
① 421 7 529 25 479  
✉ hefty@cvt.stuba.sk

**Hegedues Tibor**

Baja Astron Observ  
Szegedi ut. PF. 766  
P.O. Box 116  
HU 6501 Baja  
Hungary

☎ 36 20 9370 042  
① 36 79 427 001  
✉ hege@electra.Bajaobs.hu

**Heggie Douglas C**

Dpt Maths/Statistics  
Univ Edinburgh  
King-s Buildings  
Edinburgh EH9 3JZ  
UK

☎ 44 13 16 505 035  
① 44 13 16 506 553  
✉ d.c.heggie@ed.ac.uk

**Hegyí Dennis J**

Randall Laboratory  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA

☎ 1 313 764 5448  
① 1 313 764 2211

**Heidt Jochen**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany

☎ 49 622 150 9204  
① 49 622 150 9202  
✉ jheidt@lsw.uni-heidelberg.de

**Heiles Carl**

Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA

☎ 1 510 642 4510  
① 1 510 642 3411

**Hein Righini Giovanna**

531 Main St  
Roosevelt Island NY 10044  
USA

**Heinrich Inge**

ARI  
Moenchhstr 12-14  
D 69120 Heidelberg  
Germany

☎ 49 622 140 50  
① 49 622 140 5297  
✉ heinrich@ari.uni-heidelberg.de

**Heintz Wulff D**

Astronomy Dpt  
Swarthmore Coll  
Swarthmore PA 19081  
USA

☎ 1 610 328 8265  
① 1 610 328 8660  
✉ wheintz1@swarthmore.edu

**Heintze J R W**

Sterrekundig Inst Utrecht  
Box 80000  
NL 3508 TA Utrecht  
Netherlands

☎ 31 30 253 5235  
① 31 30 253 1601  
✉ heintze@astro.uu.nl

**Heinzel Petr**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep

☎ 420 204 85 7233  
① 420 2 88 1611  
✉ pheinzel@sunkl.asu.cas.cz

**Heise John**

SRON  
Sorbonnellaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5727  
📞 31 30 254 0860  
✉ j.heise@sron.ruu.nl

**Heiser Arnold M**

Dyer Observ  
Vanderbilt Univ  
Box 1803  
Nashville TN 37235  
USA  
☎ 1 615 373 4897  
📞 1 615 343 7263

**Hejna Ladislav**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 420 204 620 147  
📞 420 204 620 110  
✉ lhejna@sunstel.asu.cas.cz

**Hekela Jan**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 620 111  
📞 420 204 620 110

**Helali Yhya E**

NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
📞 20 62 21 405 297

**Held Enrico V**

Osserv Astronom di Padova  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
📞 39 049 875 9840  
✉ held@pd.astro.it

**Helfand David John**

Astronomy Dpt  
Columbia Univ  
538 W 120th St  
New York NY 10027  
USA  
☎ 1 212 854 2150  
📞 1 212 854 8121  
✉ djh@astro.columbia.edu

**Helfer H Lawrence**

Dpt Phys/Astronomy  
Univ Rochester  
Rochester NY 14627 0171  
USA  
☎ 1 716 275 4377  
📞 1 716 275 4351

**Helin Eleanor Francis**

CALTECH/JPL  
MS 183 501  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 4606  
📞 1 818 393 6030  
✉ efh051@iph.jpl.nasa.gov

**Hellaby Charles William**

Applied Maths Dpt  
Univ Cape Town  
Private Bag  
7700 Rondebosch  
South Africa  
☎ 27 21 650 2347  
📞 27 21 650 2334  
✉ cwh@math.uct.ac.za

**Heller Clayton**

Georgia Southern Univ  
Dpt Physics  
P.O Box 801  
Statesboro GA 30460  
USA  
☎ 1 912 681 0159  
📞 1 912 681 0471  
✉ cheller@gasou.edu

**Heller Michael**

Powstancow Warsawy 13/94  
PL 33 110 Tarnow  
Poland

**Hellier Coel**

Physics Dpt  
Keele Univ  
Staffordshire ST5 5BG  
UK  
☎ 44 178 25 84243  
📞 44 178 271 1093  
✉ ch@astro.keele.ac.uk

**Hellwig Helmut Wilhelm**

Dpt Air Force  
SAF/AQR Suite 100  
1919 S Eads St  
Arlington VA 22202 3053  
USA  
☎ 1 703 602 9301  
📞 1 703 602 4845

**Helmer Leif**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5931  
📞 45 35 32 5989  
✉ camc@astro.ku.dk

**Helmken Henry F**

4409 Frances Drive  
Delray Beach FL 33445  
USA

**Helou George**

CALTECH  
MS 100 22  
IPAC  
Pasadena CA 91125  
USA  
☎ 1 626 397 9555  
📞 1 626 397 7181  
✉ helou@ipac.caltech.edu

**Helt Bodil E**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5964  
📞 45 35 32 5989  
✉ bodil@astro.ku.dk

**Hemenway Mary Kay M**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 1309  
📞 1 512 471 6016  
✉ marykay@astro.as.utexas.edu

**Hemenway Paul D**

6 Marie Drive  
Coventry RI 02816  
USA  
☎ 1 401 874 6677  
✉ paul@skyc.physics.uri.edu

**Hemmleb Gerhard**

Zeppelinstr 157  
D 14473 Potsdam  
Germany  
☎ 49 331 974 148  
✉ Hemmleb@t-online.de

**Henden Arne Anthon**

USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 602 779 5132  
📞 1 602 774 3626  
✉ aah@nofs.navy.mil

**Henkel Christian**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 0  
📞 49 228 525 229

**Henning Patricia A**

ATNF  
PO. Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 9372 4100  
📞 61 2 9372 4310

**Henning Thomas**

Astrophysik Inst  
Univ Sternwarte  
Schillergaesschen 2  
D 07745 Jena  
Germany  
☎ 49 364 163 0323  
☎ 49 364 163 0417  
✉ henning@astro.uni-jena.de

**Henny William John**

Inst Astronomia  
Unidad Morelia  
Apdo Postal 3-72 (Xangari)  
Morelia Michoacan 58089  
Mexico  
☎ 52 4 323 6162  
☎ 52 4 323 6165  
✉ will@astrosmo.unam.mx

**Henon Michel C**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3023  
☎ 33 4 92 00 3033  
✉ bijaoui@obs-nice.fr

**Henoux Jean-Claude**

Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7803  
☎ 33 1 45 07 7959  
✉ Jean-Claude.Henoux@obspm.fr

**Henrard Jacques**

Dpt Mathematique  
FUNDP  
Rempart de la Vierge 8  
B 5000 Namur  
Belgium  
☎ 32 81 72 4903  
☎ 32 81 72 4914  
✉ jhenrard@math.fundp.ac.be

**Henrichs Hubertus F**

Astron Inst  
Univ Amsterdam  
Kruislaan 403  
NL 1098 SJ Amsterdam  
Netherlands  
☎ 31 20 525 7491  
☎ 31 20 525 7484

**Henriksen Mark Jeffrey**

Physics Dpt  
Univ N Dakota  
Grand Forks ND 58208 7129  
USA  
☎ 1 701 777 4709  
☎ 1 701 777 3650  
✉ mahernrik@plains.nodak.edu

**Henriksen Richard N**

Physics Dpt  
Queen's Univ  
Kingston ON K7L 3N6  
Canada  
☎ 1 613 545 2719  
☎ 1 613 545 6463  
✉ henriksen@astro.queensu.ca

**Henry Richard C**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2686  
USA  
☎ 1 410 516 7350  
☎ 1 410 516 4109  
✉ henry@jhu.edu

**Henry Richard B C**

Dpt Phys/Astronomy  
Univ Oklahoma  
Norman OK 73019  
USA  
☎ 1 405 325 3961  
☎ 1 405 325 7557  
✉ henry@mail.nhn.ou.edu

**Hensberge Herman**

Koninklijke Sterrenwacht  
van Belgie  
Ringlaan 3  
B 1180 Brussel  
Belgium  
☎ 32 2 373 0284  
☎ 32 2 374 9822  
✉ herman.hensberge@oma.be

**Hensler Gerhard**

Inst Theor Phys/  
Sternwarte Univ Kiel  
Olshausenstr 40  
D 24098 Kiel  
Germany  
☎ 49 431 880 4125  
☎ 49 431 880 4100  
✉ hensler@astrophysik.uni-kiel.de

**Heras Ana M**

ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 6555  
☎ 31 71 565 4690

**Herbig George H**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 8312  
☎ 1 808 988 2790

**Herbst Eric**

Physics Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 292 2653  
☎ 1 614 292 7557  
✉ herbst@mps.ohio-state.edu

**Herbst William**

Astronomy Dpt  
Van Vleck Observ  
Wesleyan Univ  
Middletown CT 06457  
USA  
☎ 1 860 865 3272  
☎ 1 860 865 2131

**Herbstmeier Uwe**

VI-G  
Michelstadter Str. 10  
D 68549 Ilvesheim  
Germany  
☎ 49 621 440 3723  
☎ 49 726 36196  
✉ herbstmeier@vi-kvg.de

**Herczeg Tibor J**

Dpt Phys/Astronomy  
Univ Oklahoma  
Norman OK 73019  
USA  
☎ 1 405 325 3961  
☎ 1 405 325 7557

**Herdiwijaya Dhani**

Dpt Astronomy  
Faculty Mathematics & Nat  
Sciences ITB  
Ganesha 10  
Bandung 40132  
Indonesia  
☎ 62 22 251 1576  
☎ 62 22 250 9170  
✉ dhani@bosscha.itb.ac.id

**Hering Roland**

ARI  
Moenchhstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 5157  
☎ 49 622 140 5297  
✉ sl1@ix.urz.uni-heidelberg.de

**Herman Jacobus**

Waldklausenweg 6  
D 81377 Munich  
Germany  
☎ 49 89 876 214  
✉ anha.herman@t-online.de

**Hermans Dirk**

School Maths/Statistics  
Univ Birmingham  
Box 363  
Birmingham B15 2TT  
UK  
☎ 44 12 14 143 961  
☎ 44 12 14 143 907  
✉ d.f.h.hermans@uk.ac.bham

**Hermesen Willem**

SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5600  
☎ 31 30 254 0860

**Hernandez Carlos Alberto**  
 Observ  
 Paseo d Bosque S/n  
 1900 La Plata (Bs As)  
 Argentina  
 ☎ 54 221 4217 308  
 ☎ 54 221 4211 761

**Hernandez-Pajares Manuel**  
 Dpt Fisica Aplicada  
 U P Cataluna  
 Campus Nord Ed C3  
 E 08034 Barcelona  
 Spain  
 ☎ 34 3 401 6029  
 ✉ matmhp@mat.upc.es

**Hernanz Margarita**  
 IEEC/CSIC  
 Edifici Nexus 104  
 C/Gran Capita 2-4  
 E 08034 Barcelona  
 Spain  
 ☎ 34 3 280 2088  
 ☎ 34 3 280 6395  
 ✉ hernanz@ieec.fcr.es

**Hernquist Lars Eric**  
 Lick Observ  
 Univ California  
 Santa Cruz CA 95064  
 USA  
 ☎ 1 831 425 4733  
 ☎ 1 831 426 3115  
 ✉ lars@helios.ucsu.edu

**Herrera Miguel Angel**  
 Inst Astronomia  
 UNAM  
 Apt 70 264  
 Mexico DF 04510  
 Mexico  
 ☎ 52 5 622 3906  
 ☎ 52 5 616 0653  
 ✉ mike@astroscu.unam.mx

**Herrero Davo Artemio**  
 IAC  
 Observ d Teide  
 via Lactea s/n  
 E 38200 La Laguna  
 Spain  
 ☎ 34 2 226 2211  
 ☎ 34 2 260 5210

**Herrmann Dieter**  
 Archenhold Sternwarte  
 Alt Treptow 1  
 D 12435 Berlin  
 Germany  
 ☎ 49 305 348 080  
 ☎ 49 305 348 083

**Hers Jan**  
 Box 48  
 6573 Sedgefield  
 South Africa  
 ☎ 27 44 55 736

**Hershey John L**  
 STSci/CSC  
 Homewood Campus  
 3700 San Martin Dr  
 Baltimore MD 21218  
 USA  
 ☎ 1 410 338 4902  
 ☎ 1 410 338 1592  
 ✉ hershey@stsci.edu

**Hertz Paul L**  
 NASA Headquarters  
 Code SR  
 Office Space Science  
 Washington DC 20546 0001  
 USA  
 ☎ 1 202 358 0989  
 ☎ 1 202 358 3097  
 ✉ paul.hertz@hq.nasa.gov

**Heske Astrid**  
 ESA/ESTEC  
 Astrophysics Div  
 Box 299  
 NL 2200 AG Noordwijk  
 Netherlands  
 ☎ 31 71 565 6555  
 ☎ 31 71 565 4060  
 ✉ aheske@estec.esa.nl

**Hesser James E**  
 NRCC/HIA  
 DAO  
 5071 W Saanich Rd  
 Victoria BC V9E 2E7  
 Canada  
 ☎ 1 250 363 0007  
 ☎ 1 250 363 6970  
 ✉ jim.hesser@hia.nrc.ca

**Hessman Frederic Victor**  
 Univ Sternwarte  
 Goettingen  
 Geismarlandstr 11  
 D 37083 Goettingen  
 Germany  
 ☎ 49 551 395 052  
 ☎ 49 551 395 043  
 ✉ hessman@uni-sw.gwdg.de

**Hestroffer Daniel**  
 IMCCE  
 77 av Denfert Rochereau  
 F 75014 Paris  
 France  
 ☎ 33 1 40 51 22 60  
 ☎ 33 1 46 33 28 34  
 ✉ hestro@bdl.fr

**Heudier Jean-Louis**  
 OCA  
 Observ Nice  
 BP 4229  
 F 06304 Nice Cdx 4  
 France  
 ☎ 33 4 92 00 3112  
 ☎ 33 4 92 00 3033  
 ✉ heudier@obs-nice.fr

**Hewett Paul**  
 Inst Astronomy  
 The Observatories  
 Madingley Rd  
 Cambridge CB3 0HA  
 UK  
 ☎ 44 12 23 337 548  
 ☎ 44 12 23 337 523  
 ✉ phewett@ast.cam.ac.uk

**Hewish Antony**  
 MRAO  
 Cavendish Laboratory  
 Madingley Rd  
 Cambridge CB3 0HE  
 UK  
 ☎ 44 12 23 337 294  
 ☎ 44 12 23 354 599

**Hewitt Adelaide**  
 24 N. Manheim Blvd  
 New Paltz, NY 12561  
 USA  
 ☎ 1 845 255 8537

**Hewitt Anthony V**  
 4021 N Cerro de Falcon  
 Tucson AZ 85718 6724  
 USA  
 ✉ anthony.hewitt@home.com

**Hey James Stanley**  
 4 Shortlands Close  
 Eastbourne BN22 0JE  
 UK

**Heydari-Malayeri Mohammad**  
 Observ  
 DEMIRM  
 61 Av Observatoire  
 F 75014 Paris  
 France  
 ☎ 33 1 40 51 2116  
 ☎ 33 1 40 51 2002  
 ✉ Mohammad.Heydari-Malayeri@obspm.fr

**Heynderickx Daniel**  
 BIRA  
 Ringlaan 3  
 B 1180 Brussel  
 Belgium  
 ☎ 32 2 373 0417  
 ☎ 32 2 374 8423  
 ✉ d.heynderickx@oma.be

**Heyvaerts Jean**  
 Observ  
 11 r Universite  
 F 67000 Strasbourg  
 France  
 ☎ 33 3 88 15 0744  
 ☎ 33 3 88 15 0760  
 ✉ heyvaerts@astro.u-strasbg.fr

**Hibbard John E**  
 NRAO  
 520 Edgemont Rd  
 Charlottesville VA 22903-2475  
 USA  
 ☎ 1 434 296 0227  
 ☎ 1 434 296 0278  
 ✉ jhibbard@nrao.edu

**Hibbs Albert R**  
 781 Prospect Bl  
 Pasadena CA 91103  
 USA

**Hickson Paul**

Dpt Geophys/Astronomy  
UBC  
2219 Main Mall  
Vancouver BC V6T 1Z4  
Canada  
☎ 1 604 822 6706  
① 1 604 882 6047  
✉ paul@astro.ubc.ca

**Hidalgo Miguel A**

Fac Ciencias Fisicas  
Univ Zaragoza  
E 50009 Zaragoza  
Spain  
☎ 34 7 676 1000  
① 34 7 676 1140

**Hidayat Bambang**

Bosscha Observ  
ITB Lembang  
Lembang 40391  
Indonesia  
☎ 62 22 278 6001/6027  
① 62 22 278 7289  
✉ bhidayat@ibm.net  
✉ bhidayat99@  
hotmail.com

**Hidayat Taufiq**

Bosscha Observ  
ITB Lembang  
Lembang 40391  
Indonesia  
☎ 62 22 251 1576  
① 62 22 250 9170  
✉ taufiq@bosscha.itb.ac.id

**Hide Raymond**

65 Charlbury Road  
Oxford OX2 6UX  
UK  
☎ 44 1865 565 21  
① 44 1865 344 540

**Hiei Eihiro**

2 56 40 Miyoshi, Fuschyu  
Tokyo 193-0045  
Japan  
✉ hiei@  
corona.mtk.nao.ac.jp

**Higgs Lloyd A**

DRAO  
NRCC/HIA  
Box 248  
Penticton BC V2A 6K3  
Canada  
☎ 1 250 493 2277  
① 1 250 493 7767  
✉ lah@drao.nrc.ca

**Hildebrand Roger H**

Enrico Fermi Inst  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 702 8203  
① 1 312 702 8212

**Hildebrandt Joachim**

Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 771 38  
① 49 331 751 05  
✉ jhildebrandt@aip.de

**Hilditch Ronald W**

Dpt Phys/Astronomy  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 1334 76161  
① 44 1334 74487  
✉ rwh@st-and.ac.uk

**Hildner Ernest**

NOAA ERL R/E/SE3  
Space Environment Lab  
325 Broadway  
Boulder CO 80303  
USA  
☎ 1 303 497 3311  
① 1 303 497 3645  
✉ ehildner@sel.noaa.gov

**Hill Frank**

NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8138  
① 1 520 318 8278  
✉ fhill@noao.edu

**Hill Graham**

Hilary Jones Inc  
18A Stratford St  
Parnell  
Auckland 1  
New Zealand  
☎ 64 9 307 9052  
① 64 9 307 7919  
✉ gp-hill@ihug.co.nz

**Hill Grant**

McDonald Observ  
Univ Texas  
Box 1337  
Fort Davis TX 79734  
USA  
☎ 1 915 426 4184  
① 1 915 426 3641  
✉ grant@  
astro.as.utexas.edu

**Hill Henry Allen**

Dpt Phys/Astronomy  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 6784  
① 1 520 621 4933

**Hillebrandt Wolfgang**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 9409  
① 49 893 299 3235

**Hilliard Ron**

Optomechanics Res Inc  
PO Box 87  
Vail AZ 85641  
USA  
☎ 1 602 647 3332  
① 1 602 647 3312  
✉ ronomr@primenet.com

**Hills Jack G**

LANL  
MS B228  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 9152  
① 1 505 665 4055

**Hills Richard E**

MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 294  
① 44 12 23 354 599

**Hilton James Lindsay**

USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5100  
USA  
☎ 1 202 653 1568  
① 1 202 653 1744  
✉ hil@ham.usno.navy.mil

**Hindsley Robert Bruce**

4b Southnay Rd  
Greenbelt MD 20770  
USA  
☎ 1 202 762 1523  
① 1 202 762 1514  
✉ rbh@  
fornax.usno.navy.mil

**Hinkle Kenneth H**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
① 1 520 325 9360

**Hinners Noel W**

Lockheed Martin  
Astronautics  
MS S8000  
Box 179  
Denver CO 80201  
USA  
☎ 1 303 971 1581  
① 1 303 971 2390  
✉ noel.w.hinners@  
den.mmn.com

**Hintzen Paul Michael N**

Calif St Univ Long Beach  
Dpt Physics & Astron  
Long Beach CA 90840  
USA  
✉ hintzen@csulb.edu

**Hiotelis Nicolaos**  
Astronomy Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414  
☎ 30 1 723 5122  
✉ nhiot@grathun1

**Hippelein Hans H**  
MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 80  
☎ 49 622 152 8246

**Hirabayashi Hisashi**  
Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan  
☎ 81 267 98 2831  
☎ 81 267 98 2884

**Hirai Masanori**  
Dpt Earth Sci/Astron  
Fukuoka Univ Edu  
729 Munakata  
Fukuoka 811 41  
Japan  
☎ 81 940 32 2381

**Hirano Naomi**  
Lab Astronomy/Geophysics  
Hitotsubashi Univ  
Kunitachi  
Tokyo 186  
Japan  
☎ 81 425 72 1101\*5389  
☎ 81 425 71 1893  
✉ hirano@  
higashi.hit-u.ac.jp

**Hirata Ryuko**  
Astronomy Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 75 753 7008  
☎ 81 75 753 7010  
✉ hirata@  
kuaastro.kyoto-u.ac.jp

**Hirayama Tadashi**  
Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5111  
☎ 81 422 34 3793

**Hiromoto Norihisa**  
Communications Res Lab  
4-2-1 Nukuikitamachi  
Koganei  
Tokyo 184  
Japan  
☎ 81 423 27 7548  
☎ 81 423 27 6667  
✉ hiromoto@bc.crl.go.jp

**Hirth Wolfgang Ernst**  
Theodor-heus Str 18  
D 53540 Weilerswist  
Germany

**Hjalmarson Ake G**  
Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5536  
☎ 46 31 772 5590  
✉ hjalmar@  
oso.chalmers.se

**Hjorth Jens**  
Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5928  
☎ 45 35 32 5989  
✉ jens@astro.ku.dk

**Hnatyk Bohdan**  
Inst Appl Problems In  
Mech/Mathematics  
Naukov st.3-b  
290053 Lviv  
Ukraine  
☎ 380 3227 41114  
✉ hnatyk@lms.lviv.ua

**Ho Luis C**  
Carnegie Observ  
813 Santa Barbara St  
Pasadena CA 91101  
USA  
☎ 1 626 304 0248  
☎ 1 626 795 8136  
✉ lho@ociw.edu

**Ho Paul T P**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 3627

**Hoang Binh Dy**  
Observ  
DAMAP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7445  
☎ 33 1 45 07 7121  
✉ Sang.Hoang@obsppm.fr

**Hoare Melvin**  
Physics Dpt  
Univ Leeds  
Leeds LS2 9JT  
UK  
☎ 44 113 233 3860  
☎ 44 113 233 3846  
✉ mgh@mpia-hd.mpg.de

**Hobbs Lewis M**  
Yerkes Observ  
Univ Chicago  
Box 258  
Williams Bay WI 53191  
USA  
☎ 1 414 245 5555  
☎ 1 414 245 9805

**Hobbs Robert W**  
CTA Inc  
6116 Executive Blvd  
Suite 800  
Rockville MD 20852  
USA

**Hockey Thomas Arnold**  
Dpt Earth Science  
Univ Northern Iowa  
Cedar Falls IA 50614 7124  
USA  
☎ 1 319 273 2065  
☎ 1 319 273 7124  
✉ hockey@uni.edu

**Hodapp Klaus-Werner**  
Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 8968  
☎ 1 808 988 2790  
✉ hodapp@ifa.hawaii.edu

**Hodge Paul W**  
Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 543 2888  
☎ 1 206 685 0403  
✉ hodge@  
astro.washington.edu

**Hoefner Susanne**  
Dpt Astronomy / Space  
Physics  
Uppsala Univ  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5982  
☎ 46 18 471 5999  
✉ hoefner@astro.uu.se

**Hoeflich Peter**  
Univ Texas  
Dpt Astronomy  
Austin TX 78712  
USA  
☎ 1 512 473 3967  
☎ 1 512 471 6016  
✉ pah@alla.as.utexas.edu

**Hoeg Erik**  
Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5999  
☎ 45 35 32 5989  
✉ erik@astro.ku.dk

**Hoegbom Jan A**  
Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 716 4445  
☎ 46 8 717 4719  
✉ janh@astro.su.se

**Hoeglund Bertil**  
 Onsala Space Observ  
 Chalmers Technical Univ  
 SE 439 92 Onsala  
 Sweden  
 ☎ 46 31 772 5500  
 ☎ 46 31 772 5550

**Hoeksema Jon Todd**  
 HEPL  
 Stanford Univ  
 Annex B213  
 Stanford CA 94305 4085  
 USA  
 ☎ 1 415 723 1506  
 ☎ 1 415 725 2333  
 ✉ todd@solar.stanford.edu

**Hoekstra Roel**  
 TPD/TNO/TH  
 Box 155  
 NL 2600 AD Delft  
 Netherlands

**Hoessel John Greg**  
 Washburn Observ  
 Univ Wisconsin  
 475 N Charter St  
 Madison WI 53706  
 USA  
 ☎ 1 608 262 1752  
 ☎ 1 608 263 0361

**Hoey Michael J**  
 Physics Dpt  
 Univ College  
 Belfield  
 Dublin 4  
 Ireland  
 ☎ 353 1 693 244  
 ☎ 353 1 671 1759

**Hoff Darrel Barton**  
 Box 313  
 Calmar IA 52132  
 USA

**Hoffleit E Dorrit**  
 Astronomy Dpt  
 Yale Univ  
 Box 208101  
 New Haven CT 06520 8101  
 USA  
 ☎ 1 203 432 3032  
 ☎ 1 203 432 5048

**Hoffman Jeffrey Alan**  
 NASA  
 European Representative A  
 230  
 2 Av Gabriel  
 F 75008 Paris  
 France  
 ☎ 33 1 43 12 2100  
 ☎ 33 1 42 65 8768  
 ✉ jeffrey.hoffman@hq.nasa.gov

**Hofmann Wilfried**  
 ARI  
 Moenchhstr 12-14  
 D 69120 Heidelberg  
 Germany  
 ☎ 49 622 140 50  
 ☎ 49 622 140 5297

**Hofner Peter**  
 Univ Puerto Rico  
 Dpt Physics  
 PO Box 23343  
 San Juan PR 00931 3343  
 USA  
 ☎ 1 787 764 0620  
 ☎ 1 787 764 4063  
 ✉ hofner@astro3.cnetnet.clu.edu

**Hogan Craig J**  
 Astronomy Dpt  
 Univ Washington  
 Box 351580  
 Seattle WA 98195 1580  
 USA  
 ☎ 1 206 543 2888  
 ☎ 1 206 685 0403

**Hogg David E**  
 NRAO  
 520 Edgemont Rd  
 Charlottesville VA 22903  
 USA  
 ☎ 1 434 296 0220

**Hohenkerk Catherine**  
 HM Nautical Almanac Office  
 Rutherford Appleton Lab  
 Chilton Didcot OX11 0QX  
 UK  
 ☎ 44 12 23 374 738  
 ☎ 44 12 23 374 700  
 ✉ cyh@nao.rl.ac.uk

**Hojaev Alisher S**  
 Astron Inst  
 Uzbek Acad Sci  
 Astronomicheskaya U1 33  
 700052 Tashkent  
 Uzbekistan  
 ☎ 998 3712 35 8102  
 ☎ 998 3712 33 3200  
 ✉ hojaev@yahoo.com

**Holberg Jay B**  
 Lunar/Planetary Lab  
 Room 325 Bg 92  
 Univ Arizona  
 Tucson AZ 85721 0092  
 USA  
 ☎ 1 520 621 4301  
 ☎ 1 520 621 4933

**Hollenbach David John**  
 NASA ARC  
 MS 245 6  
 Moffett Field CA 94035  
 1000  
 USA  
 ☎ 1 415 604 4164  
 ☎ 1 415 604 6779

**Hollis Jan Michael**  
 NASA GSFC  
 Code 930  
 Greenbelt MD 20771  
 USA

**Holloway Nigel J**  
 Assurance Ombudsman  
 AWE Assurance Directorate  
 AWE, Aldermaston  
 Reading, Berkshire RG7 4PR  
 UK  
 ☎ 44 1189 814 111  
 ☎ 44 1189 815 320

**Hollowell David Earl**  
 LANL  
 MS B220 X 2  
 Box 1663  
 Los Alamos NM 87545 2345  
 USA  
 ☎ 1 505 667 2388  
 ☎ 1 505 665 4055  
 ✉ u095874@lanl.gov

**Hollweg Joseph V**  
 Physics Dpt  
 Univ New Hampshire  
 Demeritt Hall  
 Durham NH 03824  
 USA  
 ☎ 1 603 862 3869  
 ☎ 1 603 862 1915  
 ✉ joe.hollweg@unh.edu

**Holman Gordon D**  
 NASA GSFC  
 Code 682  
 Greenbelt MD 20771  
 USA  
 ☎ 1 301 286 4636  
 ✉ holman@stars.gsfc.nasa.gov

**Holmgren David E**  
 Physics / Astronomy  
 Brandon Univ  
 270 18th Street  
 Brandon MB R7A 6A9  
 Canada  
 ☎ 1 204 727 7349  
 ☎ 1 204 728 7346  
 ✉ Holmgren@brandonu.ca

**Holt Stephen S**  
 NASA GSFC  
 Code 600  
 Greenbelt MD 20771  
 USA  
 ☎ 1 301 286 8801  
 ☎ 1 301 286 1772  
 ✉ holt@iheav.gsfc.nasa.gov

**Holweger Hartmut**  
 Inst Theor Phys/  
 Sternwarte Univ Kiel  
 Olshausenstr 40  
 D 24098 Kiel  
 Germany  
 ☎ 49 431 880 4107  
 ☎ 49 431 880 4432

**Holzer Thomas Edward**  
 HAO  
 NCAR  
 Box 3000  
 Boulder CO 80307 3000  
 USA  
 ☎ 1 303 497 1536  
 ☎ 1 303 497 1568



**Honeycutt R Kent**  
Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405  
USA  
☎ 1 812 335 6916  
📠 1 812 855 8725

**Hong Hyon Ik**  
Physics Dpt  
Kim Il Sung Univ  
Taesong district  
Pyongyang  
Korea DPR

**Hong Seung Soo**  
Astronomy Dpt  
Seoul Ntl Univ  
Kwanak Ku  
Seoul 151  
Korea RP  
☎ 82 288 06 626  
📠 82 288 71435  
✉ sshong@  
stroism.snu.ac.kr

**Hong Xiaoyu**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618  
✉ xhong@  
center.shao.ac.cn

**Hood Alan**  
Mathematics Dpt  
Univ St Andrews  
St Andrews North Haugh  
Fife KY16 9SS  
UK  
☎ 44 13 34 7661  
📠 44 13 34 74487  
✉ alan@  
mcs.st-andrews.ac.uk

**Hopp Ulrich**  
Inst Astron/Astrophysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 5997  
📠 49 89 2180 6003  
✉ hopp@  
usm.uni-muenchen.de

**Horedt Georg Paul**  
DFVLR  
Ne Oe Pe  
OberpfaffenhBoxen  
D 8031 Wessling  
Germany  
☎ 49 815 328 1328

**Horellou Cathy**  
Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5504  
📠 46 31 772 5590  
✉ horellou@  
oso.chalmers.se

**Hori Genichiro**  
Astronomy Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 381 22 111\*4251  
📠 81 338 13 9439

**Horiuchi Ritoku**  
Ntl Institute  
Fusion Science  
Nagoya 464 01  
Japan  
☎ 81 527 81 511  
📠 81 527 82 7106

**Horne Keith**  
Dpt Phys/Astronomy  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 1334 76161  
📠 44 1334 74487  
✉ keith.horne@  
st-and.ac.uk

**Horner Scott D**  
3821 Porter St NW  
Apt 101  
Washington DC 20016  
USA  
☎ 1 202 762 0381  
📠 1 202 762 1516  
✉ scothorner@  
netscape.net

**Horowitz Paul**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 3265  
📠 1 617 495 7356

**Horsky Jan**  
Dpt Th Phys/Astrophys  
Masaryk Univ  
Kotlarska 2  
CZ 611 37 Brno  
Czech Rep  
☎ 420 5 4112 9381  
📠 420 5 4121 1214  
✉ horsky@  
elanor.sci.muni.cs

**Horvath Andras**  
Tit Planetarium /  
Urania Observ  
Box 46  
HU 1476 Budapest  
Hungary  
☎ 36 1 334 25

**Horwitz Gerald**  
Racah Inst Phys  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel  
☎ 972 2 58 4592  
📠 972 2 658 4374

**Hoshi Reiun**  
Physics Dpt  
Rikkyo Univ  
Nishi-ikebukuro  
Toshima Ku Tokyo 171  
Japan  
☎ 81 398 52 414

**Hosking Roger J**  
James Cook Univ  
NQLD  
Townsville QLD 4811  
Australia  
☎ 61 77 814 1113

**Hosokawa Mizuhiko**  
Standards / Measurements  
Division  
Communications Research  
Laboratory  
4-2-1 Nukui Kita, Koganei  
Tokyo 184 795  
Japan  
☎ 81 42 327 6977  
📠 81 42 327 6689  
✉ hosokawa@crl.go.jp

**Hotinli Metin**  
Valikonagi cad. No. 101  
D10 Nisantasi Ist.  
Istanbul  
Turkey

**Hou Jinliang**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618  
✉ hjlyx@center.shao.ac.cn

**Houck James R**  
Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 256 4806  
📠 1 607 255 2365

**Houdebine Eric**  
ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 6555  
📠 31 71 565 4697  
✉ erh@so.estec.esa.nl

**Hough James**  
Dpt Physics / Astronomy  
Univ Glasgow  
UK Glasgow G12 8QQ  
UK  
☎ 44 141 330 4706  
📠 44 141 330 6833  
✉ j.hough@  
physics.gla.ac.uk

**Houk Nancy**

Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 313 764 3436  
☎ 1 313 763 6317  
✉ houk@astro.lsa.umich.edu

**House Franklin C**

Heidenreichstr 42  
D 64287 Darmstadt  
Germany  
☎ 49 615 142 2412

**House Lewis L**

2034 Eisenhower Dr  
Louisville CO 80027  
USA

**Houziaux Leo**

12 Avenue des Villas  
B 4180 Hamoir  
Belgium  
✉ leo.houziaux@ulg.ac.be

**Hovenier J W**

Dpt Phys/Astronomy  
Free University  
De Boelelaan 1081  
NL 1081 HV Amsterdam  
Netherlands  
☎ 31 20 540 2414  
☎ 31 20 444 7899

**Hovhannessian Rafik**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
☎ 374 88 52 52 3640  
✉ rhovhan@bao.sci.am

**Howard Robert F**

Box 26732  
2031 N. Rio de Flag Drive  
Flagstaff AZ 86004  
USA  
☎ 1 520 327 5511  
☎ 1 520 325 9278

**Howard W Michael**

LLNL  
L 297  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 422 4138  
☎ 1 415 423 0238  
✉ howwin@physics.llnl.gov

**Howard William E III**

1653 Quail Hollow Court  
McLean VA 22101 3234  
USA  
☎ 1 703 532 8975  
✉ wchoward@earthlink.net

**Howarth Ian Donald**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
☎ 44 171 380 7145

**Howell Steve Bruce**

Astrophysics Group  
Planetary Science Institute  
620 N 6th Ave  
Tucson AZ 85705  
USA  
☎ 1 520 622 6300  
☎ 1 520 622 8060  
✉ howell@psi.edu

**Hoyle Fred**

102 Admirals Walk  
West Cliff Rd Bournemouth  
Dorset BH2 5HF  
UK

**Hoyng Peter**

SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5600  
☎ 31 30 254 0860  
✉ phoyng@sron.ruu.nl

**Hozumi Shunsuke**

Shiga Univ  
2-5-1 Hiratsu  
Otsu  
Shiga 520  
Japan  
☎ 81 775 37 7835  
☎ 81 775 37 7840  
✉ hozumi@sue.shiga-u.ac.jp

**Hric Ladislav**

Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 96 7866  
☎ 421 969 96 7656

**Hrivnak Bruce J**

Physics Dpt  
Valparaiso Univ  
Valparaiso IN 46383  
USA  
☎ 1 219 464 5379  
☎ 1 219 464 5489  
✉ bhrivnak@exodus.valpo.edu

**Hron Josef**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 855  
☎ 43 1 427 795 18  
✉ hron@astro.univie.ac.at

**Hsiang Yan-Yu**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6488 8704

**Hsiang-Kuang Tseng**

Physics Dpt  
Ntl Central Univ  
Chung Li Taiwan 32054  
China R  
☎ 886 3 426 2302  
☎ 886 3 426 2304

**Hu Esther M**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 7190  
☎ 1 808 988 2790  
✉ hu@ifa.hawaii.edu

**Hu Fuxing**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 332 2112  
☎ 86 25 330 1459  
✉ fxyhhu@jlonline.com

**Hu Ning-Sheng**

Nanjing Astron  
Instrument Factory  
Box 846  
Nanjing  
China PR  
☎ 86 25 46191  
☎ 86 25 71 1256

**Hu Wenrui**

Inst Mechanics  
CAS  
W Suburb  
Beijing 100012  
China PR  
☎ 86 10 28 4185  
☎ 86 10 6488873

**Hu Xiaogong**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
☎ 86 21 6438 4618  
✉ hxg@center.shao.ac.cn

**Hua Chon Trung**

LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5932  
☎ 33 4 91 66 1855  
✉ hua.trung@astrsp-mrs.fr

**Huan Nguyen Dinh**  
Univ Vinh  
Province Nghê An  
Vietnam  
✉ dinhhuan@vol.vnn.vn

**Huang Bi-kun**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 307 521  
📠 86 25 301 459

**Huang Changchung**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700/42817  
📠 86 25 301 459

**Huang Cheng**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618  
✉ hc@center.shao.ac.cn

**Huang Fuquan**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 330 8624  
📠 86 25 330 6982

**Huang Guangli**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 443 2817  
📠 86 25 330 1459  
✉ guangli.huang@  
cetp.ipl.fr

**Huang He**  
Astronomy Dpt  
Beijing Normal Univ  
Xin Jie Kou Wai Sreet 19  
Beijing 100875  
China PR  
☎ 86 10 622 06319  
✉ huanghe@bao.ac.cn

**Huang Jiehao**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 359 3510  
📠 86 25 330 2728  
✉ jhh@nju.edu.cn

**Huang Keliang**  
Physics Dpt  
Nanjing Normal Univ  
Nanjing 210097  
China PR  
☎ 86 25 359 3510  
📠 86 25 360 0207  
✉ hklzhou@  
public1.ptt.js.cn

**Huang Kunyi**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 32893  
📠 86 25 301 459

**Huang Lin**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6488 8704  
✉ hlin@bao.bao.ac.cn

**Huang Runqian**  
Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
📠 86 871 717 1845

**Huang Tianyi**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 663 7551\*2882  
📠 86 25 330 2728

**Huang Tieqin**  
Nanjing Astron  
Instrument Factory  
Box 846  
Nanjing  
China PR  
☎ 86 25 46191  
📠 86 25 71 1256

**Huang Yi-Long**  
Inst History  
Ntl Tsing Hua Univ  
Hsin Chu 300043  
China R  
☎ 886 35 71 6780

**Huang Yinn-Nien**  
Dir Gen Telecommunicat  
Mnstr Transport/Comm  
31 Al Kuo East Rd  
Taipei 106  
China R  
☎ 886 2 344 3604  
📠 886 2 356 0259

**Huang Yong-Feng**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 3596 082  
✉ hyf@nju.edu.cn

**Huang Yongwei**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6488 8704

**Hubbard William B**  
Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 6942  
📠 1 520 621 4933  
✉ hubbard@  
lpl.arizona.edu

**Hube Douglas P**  
Physics Dpt  
Univ Alberta  
Edmonton AB T6G 2J1  
Canada  
☎ 1 403 492 5410  
📠 1 403 492 0714  
✉ hube@phys.ualberta.ca

**Hubenet Henri**  
Sterrekundig Inst Utrecht  
Box 80000  
NL 3508 TA Utrecht  
Netherlands  
☎ 31 30 253 5200  
📠 31 30 253 1601

**Hubeny Ivan**  
NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6072  
📠 1 301 286 1753  
✉ hubeny@  
deblur.gsfc.nasa.gov

**Huber Martin C E**  
SCI-A  
ESA Headquarters  
8-10 Rue Mario Nikis  
F 75738 Paris Cedex 15  
France  
☎ 33 1 53 69 7238  
📠 33 1 53 69 7236  
✉ martin.huber@esa.int

**Hubert-Delplace A.-M.**  
Observ  
DASGAL  
Pi J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7856  
📠 33 1 45 07 7872  
✉ Anne-Marie.Hubert@  
obspm.fr

**Hubrig Swetlana**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9224  
📠 49 331 749 9309  
✉ shubrig@  
astro.physik.uni-potsdam.de

**Huchra John Peter**  
Cfa  
HCO/SAO MS 20  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7375  
📠 1 617 495 7467  
✉ huchra@cfa.harvard.edu

**Huchtmeier Walter K**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 215  
① 49 228 525 229  
✉ huchtmeier@  
mpifr-bonn.mpg.de

**Hudec Rene**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7128  
① 420 2 88 1611  
✉ rhudec@asu.cas.cz

**Hudson Hugh S**  
ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 69 4532  
① 81 427 69 4531  
✉ hudson@  
isass6.solar.isas.ac.jp

**Hudson Michael J**  
Dpt Physics  
Dpt Waterloo  
200 Univ ave West  
Waterloo ON N2L 3G1  
Canada  
☎ 1 519 888 4567 \* 2212  
① 1 519 746 8115  
✉ mjhudson@uwaterloo.ca

**Huebner Walter F**  
Southwest Res Inst  
PO Drawer 28510  
San Antonio TX 78228 0510  
USA  
☎ 1 210 522 2730  
① 1 210 543 0052  
✉ whuebner@swri.edu

**Huenemoerder David P**  
Astronomy Dpt  
Pennsylvania State Univ  
525 Davey Lab  
University Park PA 16802  
USA  
☎ 1 814 865 6601  
① 1 814 863 7114  
✉ dph@astro.psu.edu

**Hugentobler Urs**  
Astron Inst  
Univ Bern  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 631 85 91  
① 41 31 631 38 69  
✉ ws.hugentobler@  
aimb.unibe.ch

**Huggins Patrick J**  
Physics Dpt  
New York Univ  
4 Washington Place  
New York NY 10003  
USA  
☎ 1 212 998 7717  
① 1 212 995 4016  
✉ patrick.huggins@  
nyu.edu

**Hughes Arthur R W**  
Univ Natal  
Physics Dpt  
King George V Av  
4001 Durban  
South Africa  
☎ 27 31 260 2775  
① 27 31 261 6550  
✉ hughes@ph.und.ac.za

**Hughes David W**  
Physics Dpt  
The University  
Sheffield S3 7RH  
UK  
☎ 44 174 278 555

**Hughes David W**  
Dpt Applied Mathematics  
Univ Leeds  
Leeds LS2 9JT  
UK  
☎ 44 1132 335 105  
① 44 113 242 9925  
✉ dwh@amsta.leeds.ac.uk

**Hughes John P**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7142  
① 1 617 495 7356

**Hughes Philip**  
Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 313 764 3430  
① 1 313 764 2211

**Hughes Victor A**  
Physics Dpt  
Queen's Univ  
Kingston ON K7L 3N6  
Canada  
☎ 1 613 533 6000  
① 1 613 533 6463  
✉ v.hughes@  
physics.queensu.ca

**Huguenin G Richard**  
Millimetrix LLC  
100 Venture Way  
Hadley MA 01035  
USA  
☎ 1 413 582 9600  
① 1 413 582 9610

**Hulsbosch A N M**  
Sterrenkunde  
Universiteit Nijmegen  
Toernooiveld  
NL 6525 ED Nijmegen  
Netherlands  
☎ 31 24 365 2080  
① 31 24 365 2191

**Humble John Edmund**  
School Physics  
Univ Tasmania  
GPO Box 252 21  
Hobart TAS 7001  
Australia  
☎ 61 3 6226 2396  
① 61 3 6226 2410  
✉ john.humble@  
utas.edu.au

**Hummel Christian Aurel**  
USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5100  
USA  
☎ 1 202 762 0314  
① 1 202 762 1514  
✉ cah@  
fornax.usno.navy.mil

**Hummel Wolfgang**  
ESO  
Karl-Schwarzschildstr 2  
D 85745 Garching  
Germany  
☎ 49 89 2180 5968  
① 49 89 2180 6003  
✉ whummel@eso.org

**Humphreys Roberta M**  
School Phys/Astronomy  
Univ Minnesota  
116 Church St SE  
Minneapolis MN 55455  
USA  
☎ 1 612 373 9747  
① 1 612 624 2029  
✉ roberta@  
isis.spa.umn.edu

**Humphries Colin M**  
11 Craigmount Grove  
North  
Edinburgh EH12  
UK  
☎ 44 13 16 673 321

**Hundhausen Arthur**  
HAO  
NCAR  
Box 3000  
Boulder CO 80307 3000  
USA  
☎ 1 303 497 1000  
① 1 303 497 1568

**Hunger Kurt**  
Inst Theor Phys  
Sternwarte Univ Kiel  
Olshausenstr 40  
D 24098 Kiel  
Germany  
☎ 49 431 880 4110  
① 49 431 880 4432

**Hunstead Richard W**  
School Physics  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 9351 3871  
① 61 2 9351 7726  
✉ rwh@  
physics.usyd.edu.au

**Hunt G E**

Elbury 37 Blenheim Rd  
Raynes Park  
London SW20 9BA  
UK  
☎ 44 208 542 2374

**Hunt Leslie**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2296  
☎ 39 055 220 039  
✉ hunt@  
sisifo.arcetri.astro.it

**Hunter Donald M**

Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 4002  
☎ 1 520 621 4933

**Hunter Christopher**

Mathematics Dpt  
Florida State Univ  
Tallahassee FL 32306 - 4510  
USA  
☎ 1 850 644 8704  
☎ 1 850 644 4053  
✉ hunter@math.fsu.edu

**Hunter Deidre Ann**

Dpt Terrest Magnetism  
Carnegie Inst Washington  
5241 Bd Branch Rd NW  
Washington DC 20015 1305  
USA  
☎ 1 202 966 0863  
☎ 1 202 364 8726

**Hunter James H**

Dpt Astronomy  
211 Bryant Space Science  
Center  
PO Box 112055  
Gainesville FL 32611- 2055  
USA  
☎ 1 352 392 2052  
☎ 1 352 392 5089  
✉ hunter@astro.ufl.edu

**Huntress Wesley T**

Geophysical Lab  
Carnegie Inst  
5251 Broad Branch Road  
NW  
Washington DC 20015 1305  
USA  
☎ 1 202 686 2410 \*7225  
☎ 1 202 686 2419  
✉ huntress@gl.ciw.edu

**Huovelin Juhani**

Helsinki Univ  
Observ  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 19 12 2948  
☎ 358 19 12 2952  
✉ johani.huovelin@  
helsinki.fi

**Hurford Gordon James**

CALTECH  
MS 264 33  
Pasadena CA 91125  
USA  
☎ 1 818 356 3866  
☎ 1 909 866 4240

**Hurley Kevin C**

Space Sci Laboratory  
Univ California  
Grizzly Peak Blvd  
Berkeley CA 94720 7950  
USA  
☎ 1 510 643 9173  
☎ 1 510 643 8602  
✉ khurley@  
sunspot.ssl.berkeley.edu

**Hurnik Hieronim**

Astron Observ  
A Mickiewicz Univ  
Ul Sloneczna 36  
PL 60 286 Poznan  
Poland  
☎ 48 61 67 9670  
☎ 48 61 53 6536

**Hurukawa Kiitiro**

I 3 29 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 3834  
☎ 81 422 33 8514

**Hurwitz Mark V**

Ctr for EUV Astrophys  
Univ California  
2150 Kittredge St  
Berkeley CA 94720 5030  
USA  
☎ 1 510 643 5665  
☎ 1 510 643 5660  
✉ mark@ssl.berkeley.edu

**Hut Piet**

Inst Advanced Study  
School Natural Science  
Princeton NJ 08540  
USA  
☎ 1 609 734 8075  
☎ 1 609 924 8399  
✉ piet@guinness.ias.edu

**Hutchings John B**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 363 0018  
☎ 1 250 363 0045  
✉ hutchings@dao.nrc.ca

**Hutsemekers Damien**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
☎ 32 4 254 7511  
✉ hutsemek@  
astro.ulg.ac.be

**Hutter Donald John**

USNO  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 520 773 4870  
☎ 1 520 779 9568  
✉ djh@sextans.lowell.edu

**Huygen Eric**

Inst voor Sterrenkunde  
Celestijnenlaan 200 B  
B 2001 Leuven  
Belgium  
☎ 32 16 32 7043  
☎ 32 16 32 7999  
✉ rik.huygen@  
ster.kuleuven.ac.be

**Hwang Jai-chan**

Dpt Astron/Space Sci  
Kyunghee Univ  
Yong In Kun  
Kyunggee 449 701  
Korea RP  
☎ 82 539 50 6360  
☎ 82 539 50 6359  
✉ jchan@hanul.issa.re.kr

**Hwang Woei-yann P**

Physics Dpt  
Ntl Taiwan Univ  
Taipei 10764  
China R  
☎ 886 2 363 0231\*3159  
☎ 886 2 363 7204/9984

**Hyder C L**

C/o Rozzame Smith  
2837 Alvarado Ne  
Albuquerque NM 87110  
USA

**Hyland A R Harry**

Deputy Vice-Chancellor  
James Cook Univ  
Townsville  
Queensland 4811  
Australia  
☎ 61 7 4781 5451  
☎ 61 7 4781 5452  
✉ Harry.Hyland@  
jcu.edu.au

**Hysom Edmund J**

8 East Dr  
Caldecote  
Cambridge CB3 7NZ  
UK  
☎ 44 19 54 211 137

**Hyun Jong-June**

Astronomy Dpt  
Seoul Ntl Univ  
Kwanak Ku  
Seoul 151  
Korea RP  
☎ 82 877 30 10\*2542  
☎ 82 288 71435

**Hyung Siek**

Korea Astronomy Observ  
Hwaam-dong Yusung-gu  
San 36 1  
Taejeon  
Korea RP  
☎ 82 563 301 014  
☎ 82 563 369 450  
✉ hyung@  
bohyun.boao.re.kr

## I

**Ianna Philip A**

Univ Station  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
0818  
USA  
☎ 1 804 924 7494  
① 1 804 924 3104  
✉ pai@virginia.edu

**Iannini Gualberto**

Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 423 0491  
① 54 351 421 0613

**Ibadinov Khursandkul**

Astrophys Inst  
Tajik Acad Sci  
Bukhoro Str 22  
734042 Dushanbe  
Tajikistan  
☎ 7 3770 23 1432  
① 7 3770 27 5483

**Ibadov Subhon**

Astrophys Inst  
Tajik Acad Sci  
Bukhoro Str 22  
734042 Dushanbe  
Tajikistan  
☎ 7 3770 23 1432  
① 7 3770 27 5483  
✉ ibadov@td.silk.org

**Ibanez S Miguel H**

Dpt Fisica  
Univ Los Andes  
Merida 5101 A  
Venezuela  
☎ 58 7 463 9930/7477  
① 58 7 444 1723

**Ibanoglu Cafir**

Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322

**Ibbetson Peter Aaron**

Wise Observ  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 641 3788  
① 972 3 640 8179

**Iben Jr Icko**

Dpt Astron/Physics  
Univ Illinois  
1011 W Springfield Av  
Urbana IL 61801  
USA  
☎ 1 217 333 3090  
① 1 217 244 7638

**Ibrahim Jorga**

Astronomy Dpt  
Bandung Instte Techn  
Jl Tamansari 64  
Bandung 40132  
Indonesia

**Ichikawa Shin-ichi**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181 - 8588  
Japan  
☎ 81 422 34 3604  
① 81 422 34 3840  
✉ ichikawa@nao.ac.jp

**Ichikawa Takashi**

Geophys Inst  
Tohoku Univ  
Aoba-ku  
Sendai 980 8578  
Japan  
☎ 81 222 217 6500  
① 81 222 217 6513  
✉ ichikawa@  
astr.tohoku.ac.jp

**Ichimaru Setsuo**

Physics Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 381 22 111  
① 81 338 13 9439

**Icke Vincent**

Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5843  
① 31 71 527 5819  
✉ icke@  
strw.LeidenUniv.nl

**Idlis Grigorij M**

Inst Hist Sci/Techn  
Acad Sciences  
Staropansky 1/5  
103012 Moscow  
Russia  
☎ 7 095 228 1969

**Iijima Shigetaka**

4 23 6 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 31 6031  
① 81 422 31 6031

**Iijima Takashi**

Osserv Astrisico  
Univ d Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy  
☎ 39 042 446 0030  
① 39 042 460 0023  
✉ iijima@pd.astro.it

**Ikeuchi Satoru**

Physics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 527 89 2427  
① 81 527 89 2838  
✉ ikeuchi@  
a.phys.nagoya-u.ac.jp

**Ikhsanov Robert N**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
① 7 812 315 1701

**Ikhsanova Vera N**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
① 7 812 315 1701

**Iliev Ilian**

Ntl Astron Observ  
Bulgarian Acad Sci  
Box 136  
BG 4700 Smoljan  
Bulgaria  
☎ 359 7 34 1559  
① 359 3 02 1356  
✉ iliani@astro.bas.bg

**Ilin Alexei E**

Pulkovo Observ  
Acad Sciences  
Pulkovskoye 65/1  
196140 St Petersburg  
Russia  
☎ 7 812 123 4387  
① 7 812 123 4922  
✉ alexei@gao.spb.ru

**Ill Marton J**

Ady Endre u. 42  
HU 8623 Balatonfoldvar  
Hungary  
☎ 36 7 912 110

**Illes Almar Erzsebet**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
☎ 36 1 275 4668

**Illing Rainer M E**

Ball Aerospace Systems  
Div  
Box 1062  
Boulder CO 80306  
USA  
☎ 1 303 939 5888

**Illingworth Garth D**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2513  
☎ 1 831 459 5265  
✉ gdi@ucolick.org

**Ilyas Mohammad**

Sheikh Tahir Astron Ctr  
Falak Ctr Bldg  
Univ Science Box Malaysia  
11800 Penang  
Malaysia  
☎ 60 4 657 7888\*2115  
☎ 60 4 657 6155  
✉ milyas@usm.my

**Ilyasov Sabit**

Ulugh Beg Astron Inst  
Uzbek Acad Sci  
Astronomicheskaya Ul 33  
700052 Tashkent  
Uzbekistan  
✉ sabit@astrin.uzsci.net

**Ilyasov Yuri P**

Astro Space Ctr  
Lebedev Physical Inst  
PrBoxsoyuznaya UL 4/32  
117924 Moscow  
Russia  
☎ 7 096 773 2746  
☎ 7 096 773 2482  
✉ ilyasov@prao.psn.ru

**Imamura James**

Physics Dpt  
Univ Oregon  
Eugene OR 97403  
USA  
☎ 1 541 346 5212  
☎ 1 541 346 5217  
✉ imamura@herb.uoregon.edu

**Imbert Maurice**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
☎ 33 4 91 62 1190  
✉ Maurice.Imbert@observatoire.cnrs-mrs.fr

**Imbroane Alexandru**

Astron Observ  
Romanian Acad Sci  
Ul Ciresilor 19  
RO 3400 Cluj Napoca  
Romania  
☎ 40 64 194 592  
☎ 40 64 192 820  
✉ alex@geogr.ubbcluj.ro

**Imhoff Catherine L**

Computer Sciences Corp  
Science Programes  
10000A Aerospace Rd  
Lanham Seabrook MD  
20706  
USA  
☎ 1 301 794 1470  
☎ 1 301 459 4482  
✉ imhoff@iuegtc.dnet.nasa.gov

**Impey Christopher D**

Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 6522  
☎ 1 520 621 1532  
✉ impey@solpl.as.arizona.edu

**Imshennik Vladimir S**

Inst Theor/Exper Phys  
Cheremushkinskaya Ul 25  
117259 Moscow  
Russia  
☎ 7 095 123 0292

**Inagaki Shogo**

Astronomy Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 8502  
Japan  
☎ 81 757 53 3892  
☎ 81 757 53 3897  
✉ inagaki@kuastro.kyoto-u.ac.jp

**Inatani Junji**

SURP  
NASDA  
Sengen 2 -1 -1,  
Tsukuba  
Japan  
☎ 81 298 52 2741  
☎ 81 298 50 2233  
✉ inatani.junji@nasda.go.jp

**Infante Leopoldo**

Dpt Astron y Astris  
Pontificia Universidad  
Vic Mac 4860 Cas 104  
Santiago 22  
Chile  
☎ 56 2 686 4940  
☎ 56 2 686 4948  
✉ linfante@astro.puc.cl

**Ingerson Thomas**

NOAO  
CTIO  
Casilla 603  
La Serena  
Chile  
☎ 56 51 22 5415  
☎ 56 51 20 5342  
✉ tingerson@noao.edu

**Inglis Michael**

MAP Project  
Princeton Univ  
Jadwin Hall, P.O. Box 708  
Princeton NJ 08544  
USA  
☎ 1 609 258 5584  
☎ 1 609 258 1124  
✉ minglis@astro.princeton.edu

**Innanen Kimmo A**

Physics Dpt  
York Univ  
4700 Keele St  
North York ON M3J 1P3  
Canada  
☎ 1 416 667 3837  
☎ 1 416 736 5386

**Inoue Hajime**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 513 9111  
☎ 81 427 594 253  
✉ inoue@astro.isas.ac.jp

**Inoue Takeshi**

Physics Dpt  
Kyoto Sangyo Univ  
Kamigamo  
Kyoto 603  
Japan  
☎ 81 757 01 2151  
☎ 81 757 05 1640

**Ioshpa Boris A**

ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 232 1921  
☎ 7 095 334 0124

**Iovino Angela**

Osserv Astronomico  
d Brera  
Via Brera 28  
I 20121 Milano  
Italy  
☎ 39 02 723 201  
☎ 39 02 720 01600  
✉ iovino@brera.mi.astro.it

**Ip Wing-huen**

MPI Astronomie  
Max Planck Str 2  
Postfach 20  
D 37189 Katlenburg Lindau  
Germany  
☎ 49 555 641 6  
☎ 49 555 697 9240

**Ipatov Alexander V**  
Inst Appl Astronomy  
Acad Sciences  
Zhdanovskaya St 8  
197042 St Petersburg  
Russia  
☎ 7 812 235 3497  
① 7 812 230 7413  
✉ iparan@sovam.com

**Ipsier James R**  
Physics Dpt  
Univ Florida  
Williamson 220A  
Gainesville FL 32611 8440  
USA  
☎ 1 352 392 0521  
① 1 352 392 5089  
✉ ipsier@  
possum.phys.ufl.edu

**Irbah Abdanour**  
CRAAG  
Observ Alger  
BP 63  
Bouzareah 16340  
Algeria  
☎ 213 2 901 572/424  
① 213 2 901 424  
✉ irbah@boulega.unice.fr

**Ireland Jack**  
School Maths/Comp Sci  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 1334 76161  
① 44 1334 74487  
✉ jack@dcs.st-and.ac.uk

**Ireland John G**  
C/o 13 Gorden Rd  
Belvedere Kent DA17 6EA  
UK

**Irigoyen Maylis**  
Universite Paris II  
12 Pl du Pantheon  
F 75005 Paris  
France

**Iriyama Jun**  
Fac Eng  
Chubu Univ  
1200 Matsumoto  
Kasugai shi aichi 487  
Japan  
☎ 81 568 51 1111

**Irvine William M**  
Five College  
RAO  
B619 Lederle Grad Res Twr  
Amherst MA 01003  
USA  
☎ 1 413 545 0733  
① 1 413 545 4223  
✉ irvine@  
fcrail.phast.umass.edu

**Irwin Alan W**  
Physics Dpt  
Univ Victoria  
Box 1700  
Victoria BC V8W 2Y2  
Canada  
☎ 1 250 721 7700  
① 1 250 721 7715  
✉ irwin@  
uvaastro.phys.uvic.ca

**Irwin Judith**  
Physics Dpt  
Queen's Univ  
Stirling Hall Rm 308e  
Kingston ON K7L 3N6  
Canada  
☎ 1 613 533 7107  
① 1 613 533 6463  
✉ irwin@astro.queensu.ca

**Irwin Michael John**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523  
✉ mike@ast.cam.ac.uk

**Isaak George R**  
Physics Dpt  
Univ Birmingham  
Box 363  
Birmingham B15 2TT  
UK  
☎ 44 12 14 721 301  
① 44 12 14 144 577

**Isern Jorge**  
C/Sepulveda 83 6 3a  
E 08015 Barcelona  
Spain

**Ishida Keiichi**  
Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5211  
① 81 422 34 3793

**Ishida Manabu**  
ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 51 3911  
① 81 427 59 4253  
✉ ishida@astro.isas.ac.jp

**Ishida Toshihito**  
Nishi Harima Astron  
Observ  
Ohnadesan Sayo Cho  
Hyogo 679 53  
Japan  
☎ 81 790 82 3886\*142  
① 81 790 82 3514  
✉ ishida@nhao.go.jp

**Ishiguro Masato**  
Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan  
☎ 81 267 98 2831  
① 81 267 98 2884  
✉ ishiguro@nro.nao.ac.jp

**Ishihara Hideki**  
Physics Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 53 3850  
① 81 75 753 7010  
✉ ishihara@  
nws841.scphys.kyotoua

**Ishizawa Toshiaki A**  
Astronomy Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 51 2111  
① 81 757 53 7010  
✉ ishizawa@  
kusastro.kyoto-u.ac.jp

**Ishizuka Toshihisa**  
Physics Dpt  
Ibaraki Univ  
Bunkyo  
Mito 310  
Japan  
☎ 81 292 26 1621

**Isliker Heinz**  
Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 80 62  
① 30 31 99 53 84  
✉ isliker@  
helios.astro.auth.gr

**Ismailov Nariman**  
Zeybalavdioglu  
Shemakha Astro Observ  
373243 pos. SHAO  
Y. Mamedaliev, Shemakha  
Baku 8922  
Azerbaijan  
☎ 994 8922 39 82 48  
✉ niasmailov@  
iatp.baku.az

**Isobe Syuzo**  
Ntl Astron Observ  
2 21 1 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3645  
① 81 422 34 3641  
✉ isobesz@cc.nao.ac.jp

**Israel Frank P**  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5891  
① 31 71 527 5819  
✉ israel@  
strw.leidenuniv.nl

**Israel Guy Marcel**  
Service Aeronomie  
BP 3  
F 91371 Verrieres Buisson  
France  
☎ 33 1 64 47 4289

**Israel Werner**  
401, 2323 Hamoita Street  
Victoria BC V8K 2N1  
Canada



**Issa Issa Aly**

NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 07 556 0046  
☎ 20 07 554 8020  
✉ astro1@frcu.eun.eg

**Isserstedt Joerg**

Astronomisches Inst  
Univ Wuerzburg  
am Hubland  
D 97074 Wuerzburg  
Germany  
☎ 49 931 888 5301  
☎ 49 931 888 4603

**Ito Kensai A**

Physics Dpt  
Rikkyo Univ  
Nishi-ikebukuro  
Tokyo 171  
Japan  
☎ 81 398 52 384

**Ito Yutaka**

Coll Edu Akita Univ  
Cosmic/Earth Science  
Tegata Gakuencho  
Akita 010  
Japan  
☎ 81 188 892 654  
☎ 81 188 892 655

**Itoh Hiroshi**

Minamida-cho 27-160  
Jodoji Sakyo-ku  
Kyoto 606  
Japan  
☎ 81 757 51 2111  
☎ 81 757 53 7010

**Itoh Masayuki**

Fac Human Dvpt  
Kobe Univ  
3 11 Tsurukabuto Nada  
Kanagawa 229  
Japan  
☎ 81 78 803 0913  
☎ 81 78 803 0261  
✉ mitah@kobe-u.ac.jp

**Itoh Naoki**

Physics Dpt  
Sophia Univ  
7 1 Kioi-cho Chiyoda Ku  
Tokyo 102  
Japan  
☎ 81 323 83 431

**Ivanchuk Victor I**

Astron Observ  
Kyiv State Univ  
Observatornaya Ul 3  
252053 Kyiv  
Ukraine  
☎ 380 4421 62691

**Ivanov Evgeny I**

ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 334 0282  
☎ 7 095 334 0124  
✉ ivanov@  
lars.izmiran.troitsk.su

**Ivanov Georgi R**

Astronomy Dpt  
Univ Sia Kliment Ohridski  
5 James Bourchier Blvd  
BG 1164 Sofia  
Bulgaria  
☎ 359 2 628 181  
☎ 359 2 689 085

**Ivanov Vsevolod V**

Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 257 9491  
☎ 7 812 428 4259

**Ivanov Kholodny Goz S**

ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 334 0120  
☎ 7 095 334 0124

**Ivanova Violeta**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
☎ 359 2 75 5019  
✉ ivanova@astro.bas.bg

**Ivchenko Vasily**

Astronomy Dpt  
Univ Kyiv  
Acad Glushkov Str 6  
252022 Kyiv  
Ukraine  
☎ 380 4426 64457  
☎ 380 4426 64507  
✉ ivchenko@  
astron.univ.kiev.ua

**Ives John Christopher**

ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 6555  
☎ 31 71 565 4532

**Iverson Robert J**

Astronomy Tech Centre  
Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 688 100  
☎ 44 13 16 621 668  
✉ rji@roe.ac.uk

**Iwamuro Fumihide**

Dpt Physics  
Kyoto Univ  
Kitashirakawa  
Kyoto 606- 8502  
Japan  
☎ 81 75 753 3869  
☎ 81 75 753 3799  
✉ iwamuro@  
cr.sphys.kyoto-u.ac.jp

**Iwaniszewska Cecylia**

Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018  
☎ 48 56 24 602

**Iwasaki Kyosuke**

Kyoto Gakuen Univ  
NANJO  
Sogabecho Kameoka  
Kyoto 621  
Japan  
☎ 81 771 22 2001  
☎ 81 771 24 8150

**Iwata Takahiro**

Tsukababa Space Center  
2-1-1 Sengen, Tsukuba  
Inaraki 305- 8505  
Japan  
✉ iwata@rd.tksc.nasda.go.jp

**Iye Masanori**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka 181 - 8588  
Tokyo 181  
Japan  
☎ 81 422 34 3502  
☎ 81 422 34 3527  
✉ iye@optik.mtk.nao.ac.jp

**Iyengar K V K**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 353 0672/0676  
☎ 91 80 553 4043  
✉ kvki@iiap.ernet.in

**Iyengar Srinivasan Rama**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672  
☎ 91 80 553 4043

**Iyer B R**

RRI  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
☎ 91 80 334 0492

**Izotov Yuri**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 64771  
☎ 380 4426 62147  
✉ izotov@mao.kiev.ua

**Izumiura Hideyuki**

Okayama Astrophys Observ

3037-5 Honjo

Kamogata Asakuchi

Okayama 719 0232

Japan

☎ 81 8654 4 2155

📞 81 8654 4 2360

✉ izumiura@  
oao.nao.ac.jp

## J

**Jabbar Sabeh Rhaman**  
SARC  
Scientific Res Council  
Box 2441  
Jadiriya Baghdad  
Iraq  
☎ 964 1 776 5127

**Jabir Niama Lafta**  
SARC  
Scientific Res Council  
Box 2441  
Jadiriya Baghdad  
Iraq  
☎ 964 1 776 5127

**Jablonka Pascale**  
Observ  
DAEC  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 4 45 07 7419  
☎ 33 1 45 07 7123  
✉ jablonka@obspm.fr

**Jablonski Francisco**  
INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 41 8977  
☎ 55 123 21 8743  
✉ chico@das.inpe.br

**Jackson Bernard V**  
CASS  
UCSD  
C 011  
La Jolla CA 92093 0216  
USA  
☎ 1 619 534 3358  
☎ 1 619 534 2294  
✉ bvjackson@ucsd.edu

**Jackson Carole A**  
Research Sch  
Astron/Astrophys  
ANU Mount Stromlo Observ  
Cotter Road  
Weston Creek ACT 2611  
Australia  
☎ 61 2 6279 8900  
☎ 61 2 6249 0233  
✉ cjackson@  
mso.anu.edu.au

**Jackson John Charles**  
16 The Park  
Newark NG24 1S0  
UK

**Jackson Neal**  
NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
☎ 44 147 757 1618  
✉ njj@jb.man.ac.uk

**Jackson Paul**  
Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 801  
☎ 43 1 427 795 18

**Jackson Peter Douglas**  
1182 Riverbay Roas  
Annapolis  
USA  
☎ 1 410 757 3613  
☎ 1 301 286 1634  
✉ Peter.D.Jackson@  
gsfc.nasa.gov

**Jackson William M**  
Chemistry Dpt  
Univ California  
Room 214  
Davis CA 95616  
USA  
☎ 1 916 752 0503

**Jacobs Kenneth C**  
Physics Dpt  
Hollins College  
Box 9661  
Roanoke VA 24020  
USA  
☎ 1 703 362 6478

**Jacobsen Theodor S**  
Astronomy Dpt  
Univ Washington  
12501 Greenwood Av  
NC117  
Seattle WA 98195 1580  
USA

**Jacobson Robert A**  
CALTECH/JPL  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 7201  
☎ 1 818 393 6030  
✉ raj@  
murphy.jpl.nasa.gov

**Jacoby George H**  
NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 325 9292  
☎ 1 520 325 9360  
✉ gjacoby@noao.edu

**Jacq Thierry**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 57 77 6163  
☎ 33 5 57 77 6155  
✉ jacq@  
observ.u-bordeaux.fr

**Jacquinot Pierre**  
Laboratoire Aime Cotton  
Bt 505  
Universite Paris XI  
F 91405 Orsay Cdx  
France

**Jaffe Daniel T**  
Space Sci Laboratory  
Univ California  
Grizzly Peak Blvd  
Berkeley CA 94720 7950  
USA  
☎ 1 415 642 1930  
✉ dtj@astro.as.utexas.edu

**Jaffe Walter Joseph**  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5862  
☎ 31 71 527 5819  
✉ jaffe@strw.leidenuniv.nl

**Jahn Krzysztof**  
Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 629 4011  
☎ 48 22 629 4967  
✉ crj@astrouw.edu.pl

**Jahreiss Hartmut**  
ARI  
Moenchhstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 5119  
☎ 49 622 140 5297  
✉ jahreiss@  
ari.uni-heidelberg.de

**Jain Rajmal**  
Udaipur Solar Observ  
11 Vidya Marg  
Udaipur 313 001  
India  
☎ 91 25 626/27 457

**Jakimiec Jerzy**  
Astron Inst  
Wroclaw Univ  
Ul Kopernika 11  
PL 51 622 Wroclaw  
Poland  
☎ 48 71 372 9373/74  
☎ 48 71 372 9378

**Jakobsen Peter**  
ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 6555  
① 31 71 565 4532

**Jalali Mir Abbas**  
Inst Avanced Studies Basic  
Sciences  
PO Box 45195-159  
Gava Zang  
Zanjan  
Iran  
☎ 98 241 449 872  
① 98 241 449 023 / 449 021  
✉ jalali@iasbs.ac.ir

**Jamar Claude A J**  
Centre Spatial d Liege  
Univ Liege  
Av du Pre-Aily  
B 4031 Angleur Liege  
Belgium  
☎ 32 4 367 6668  
① 32 4 367 5613  
✉ cjamar@astro.ulg.ac.be

**James John F**  
Schuster Laboratory  
Univ Manchester  
Oxford Rd  
Manchester M13 9PL  
UK  
☎ 44 161 275 4224  
① 44 161 275 4223

**James Richard A**  
Astronomy Dpt  
Univ Manchester  
Oxford Rd  
Manchester M13 9PL  
UK  
☎ 44 161 275 4224  
① 44 161 275 4223

**Jameson Richard F**  
Astronomy Dpt  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 2073  
① 44 116 252 2200

**Janes Kenneth A**  
Astronomy Dpt  
Boston Univ  
725 Commonwealth Av  
Boston MA 02215  
USA  
☎ 1 617 353 2627  
① 1 617 353 3200

**Jang Minwhan**  
Dpt Astronomy / Space  
Science  
Kyung Hee Univ  
Yongin Kyungki-Do  
Yongin 449 701  
Korea RP  
☎ 82 31 201 2472  
① 82 31 204 2445  
✉ mjang@  
nms.kyunghee.ac.kr

**Janiczek Paul M**  
USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5100  
USA  
☎ 1 202 653 1569  
✉ pmj@  
ceres.usno.navy.mil

**Janka Hans Thomas**  
MPI Astrophysik  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 89 3299 3228  
① 49 89 3299 3235  
✉ thj@  
mpa-garching.mpg.de

**Jankovics Istvan**  
Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
① 36 1 275 4668

**Jannuzi Buell Tomasson**  
NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8353  
① 1 520 318 8360  
✉ bjannuzi@noao.edu

**Janot-Pacheco Eduardo**  
IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
① 55 11 276 3848  
✉ janot@iagusp.usp.br

**Janssen Michael Allen**  
CALTECH/JPL  
MS 183 301  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 7247  
① 1 818 393 6030

**Jaranowski Piotr**  
Inst Theoretical Physics  
Univ Bialystok  
Liponia 41  
PL 15424 Bialystok  
Poland  
☎ 48 85 745 7222  
① 48 85 745 7223  
✉ pio@alpha.uwb.edu.pl

**Jardine Moira Mary**  
Dpt Phys/Astronomy  
Univ St Andrews  
St Andrews North Haugh  
Fife KY16 9SS  
UK  
☎ 44 13 34 7661  
① 44 13 34 74487  
✉ mmj@  
uk.ac.sussex.starlink

**Jaroszynski Michal**  
Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
① 48 22 29 4697

**Jarrett Alan H**  
Boyden Observ  
Box 334  
9300 Bloemfontein  
South Africa  
☎ 27 51 37605

**Jarzebowski Tadeusz**  
Ul Jelenia 28/31  
PL 54 242 Wroclaw  
Poland

**Jasniewicz Gerard**  
GRAAL  
Univ Montpellier II  
Pl E Bataillon  
F 34095 Montpellier Cdx 5  
France  
☎ 33 4 67 14 3567  
① 33 4 67 14 4535

**Jassur Davoud MZ**  
Dpt Th Phys/Astrophys  
Univ Tabriz  
Tabriz 51664  
Iran  
☎ 98 41 307 841  
① 98 41 341 244  
✉ tabriz\_u@rose.ipm.ac.ir

**Jastrow Robert**  
Inst Space Studies  
2880 Broadway  
New York NY 10025  
USA  
☎ 1 212 678 5611

**Jatenco-Pereira Vera**  
IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
① 55 11 276 3848  
✉ jatenco@  
vax.iagusp.usp.br

**Jauncey David L**  
CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
① 61 2 868 0310  
✉ djauncey@atnf.csiro.au

**Jayanthi Udaya B**  
INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 41 8977\*392  
① 55 123 21 8743  
✉ jayanthi@das.inpe.br

**Jayarajan A P**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585  
📠 91 80 553 4043

**Jedamzik Karsten**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 3207  
📠 49 893 299 3235  
✉ jedamzik@mpa-garching.mpg.de

**Jefferies Stuart**

NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 323 4182  
📠 1 520 325 9278  
✉ stuartj@noao.edu

**Jeffers Stanley**

Cress Physics Dpt  
York Univ  
4700 Keele St  
Downsview ON M3J 1P3  
Canada  
☎ 1 416 667 3851

**Jeffery Christopher S**

Armagh Observ  
College Hill  
Armagh BT61 9DG  
UK  
☎ 44 18 61 522 928  
📠 44 18 61 527174  
✉ csj@star.arm.ac.uk

**Jefferys William H**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 1455  
📠 1 512 471 6016  
✉ bill@astro.as.utexas.edu

**Jenkins Charles R**

Schlumberger Cambridge  
Research  
High Cross  
Madingley Rd  
Cambridge CB3 0LE  
UK  
✉ charlesjen@aol.com

**Jenkins Edward B**

Princeton Univ Observ  
Peyton Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 258 3826  
📠 1 609 258 1020  
✉ ebj@astro.princeton.edu

**Jenkins Louise F**

Astronomy Dpt  
Yale Univ  
Box 208101  
New Haven CT 06520 8101  
USA  
☎ 1 203 432 3000  
📠 1 203 432 5048

**Jenkner Helmut**

STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4842  
📠 1 410 338 5090  
✉ jenkner@stsci.edu

**Jenner David C**

Astrosft Corporation  
3153 Ne 84th St  
Seattle WA 98115 4717  
USA  
☎ 1 206 527 2018  
📠 1 206 527 2019  
✉ davej@astrosoft.com

**Jenniskens Petrus Matheus**

Marie  
NASA ARC  
SETI  
MS 239 4  
Moffett Field CA 94035  
1000  
USA  
☎ 1 650 604 3086  
📠 1 650 604 1088  
✉ pjenniskens@mail.arc.nasa.gov

**Jennison Roger C**

Electronics Lab  
Univ Kent  
Canterbury CT2 7NT  
UK  
☎ 44 12 27 668 22  
📠 44 12 27 456 084

**Jensen Eberhart**

Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 501  
📠 47 22 856 505

**Jeong Jang Hae**

Dpt Astronomy/Space Sci  
Chungbuk Ntl Univ  
San 48 Gaeshin Dong  
Cheongju 361 763  
Korea RP  
☎ 82 431 261 2313  
📠 82 431 267 4232  
✉ jeongjh@astro.chungbuk.ac.kr

**Jerjen Helmut**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 6 279 8038  
📠 61 6 249 0233  
✉ jerjen@mso.anu.edu.au

**Jerzykiewicz Mikolaj**

Astron Inst  
Wroclaw Univ  
Ul Kopernika 11  
PL 51 622 Wroclaw  
Poland  
☎ 48 71 372 9373/74  
📠 48 71 372 9378  
✉ mjerz@astro.uni.wroc.pl

**Jetzer Philippe F**

Inst Theoretical Physics  
Univ Zurich  
Winterthurerstr 190  
CH 8057 Zurich  
Switzerland  
☎ 41 1 635 58 19  
📠 41 1 635 57 04  
✉ jetzer@physik.unizh.ch

**Jevremovic Darko**

Armagh Observ  
College Hill  
Armagh BT61 9DG  
UK  
☎ 44 28 37 522 928  
📠 44 2837 527 174  
✉ djc@star.arm.ac.uk

**Jewell Philip R**

NRAO  
Campus Bg 65  
949 N Cherry Av  
Tucson AZ 85721 0655  
USA  
☎ 1 520 882 8250  
📠 1 520 882 7955

**Ji Haisheng**

Purple Mountain Observ  
Nanjing 210008  
China PR  
☎ 86 25 3260 133  
📠 86 25 3260 133  
✉ jihsh@jlonline.com

**Ji Hongqing**

Intl Latitude Observ  
Tianjin  
China PR

**Ji Shuchen**

Box 110 Kunming  
Yunnan Province  
Yunnan  
China PR  
☎ 86 871 338 1340  
📠 86 871 335 8437

**Jiang Biwei**

Beijing Astron Observ  
CAS  
Chaoyang District  
Beijing 100012  
China PR  
☎ 86 10 6485 3568  
📠 86 10 6488 8731  
✉ jiang@bao.ac.cn

**Jiang Chongguo**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
📠 86 871 717 1845

**Jiang Dongrong**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618

**Jiang Shengtao**  
4 491 West St  
Brantford ONT N3T SR7  
Canada  
✉ sjiang@bfree.on.ca

**Jiang Shi-Yang**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6488 8704  
✉ jisy@bao.ac.cn

**Jiang Shuding**  
Graduate School  
Univ Sci/Techn  
Box 3908  
Beijing 100039  
China PR  
☎ 86 1 81 7031\*253

**Jiang Xiaoyuan**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618  
✉ jiangxiaoyuan@ihw.com.cn

**Jiang Zhaoji**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6488 8704  
✉ jiang@vega.bac.pku.edu.cn

**Jimenez Mancebo A j**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
① 34 2 240 5646/405 501  
✉ ajm@ll.iac.es

**Jin Biaoren**  
Inst Geodesy  
Geophysics  
Xu Dong Lu  
Wuchang 430077  
China PR  
☎ 86 87 5571

**Jin Shenzeng**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6488 8704  
✉ jsz@sun10.bao.ac.cn

**Jin Wen-Jing**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618  
✉ jwj@center.shao.ac.cn

**Jockers Klaus**  
MPI Aeronomie  
Max Planck Str 2  
Postfach 20  
D 37189 Katlenburg Lindau  
Germany  
☎ 49 555 697 9293  
① 49 555 697 9240  
✉ jockers@linax1.dnet.gwdg.de

**Joensch-Soerensen Helge**  
Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 325 933  
① 45 35 325 989  
✉ helge@astro.ku.dk

**Joersaeter Steven**  
Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 716 4463  
① 46 8 717 4719  
✉ steven@astro.su.se

**Joeveer Mihkel**  
Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 410 469  
① 372 7 410 205  
✉ mihkel@aai.ee

**Jog Chanda J**  
Physics Dpt  
IISc  
Bangalore 560 012  
India  
☎ 91 80 309 2726  
① 91 80 334 1683  
✉ cjog@physics.iisc.ernet.in

**Johansen Karen T**  
Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5928  
① 45 35 32 5989  
✉ karen@astro.ku.dk

**Johansson Lars Erik B**  
Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5564  
① 46 31 772 5550  
✉ leb@oso.chalmers.se

**Johansson Lennart**  
Havrevaegen 16  
SE 175 50 Jaerfaella  
Sweden  
☎ 46 18 51 1274  
① 46 18 52 7583

**Johansson Svereric**  
Physics Dpt  
Univ Lund  
Soelvegatan 14  
SE 223 62 Lund  
Sweden  
☎ 46 46 12 6097  
① 46 46 222 4709  
✉ svereric.johansson@fysik.lu.se

**Johnson Donald R**  
NBS  
Bg 221 Rm A363  
Gaithersburg MD 20899  
USA  
☎ 1 301 921 2828

**Johnson Fred M**  
Physics/Astronomy Dpt  
California State Univ  
Fullerton CA 92634  
USA  
☎ 1 714 773 3366  
① 1 714 449 5810

**Johnson Hollis R**  
Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405  
USA  
☎ 1 812 335 4172  
① 1 812 855 8725

**Johnson Hugh M**  
1017 Newell Rd  
Palo Alto CA 94303  
USA  
☎ 1 415 326 7223

**Johnson Torrence V**  
CALTECH/JPL  
MS 183 601  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 2761  
① 1 818 393 6030

**Johnston Kenneth J**  
USNO, Scientific Director  
3450 Massachusetts Av NW  
Washington DC 20392-5420, USA  
☎ 1 202 762 1513  
① 1 202 762 1461  
✉ kjj@astro.usno.navy.mil

**Johnstone Roderick**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 510  
① 44 12 23 337 523  
✉ rmj@mail.ast.cam.ac.uk

**Jokipii J R**

Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 4256  
① 1 520 621 4933

**Joly Francois**

Univ Bordeaux  
Lab Astrophysique  
123 r Lamartine  
F 33405 Talence  
France  
☎ 33 5 56 86 4330  
① 33 5 56 40 4251

**Joly Monique**

Observ  
DAES  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7441  
① 33 1 45 07 7123  
✉ Monique.Joly@obspm.fr

**Jonas Justin Leonard**

Dpt Phys/Electronics  
Rhodes Univ  
Box 94  
6140 Grahamstown  
South Africa  
☎ 27 461 318 454/318450  
① 27 461 250 49

**Joncas Gilles**

Dpt d Physique  
Universite Laval  
Ste Foy QC G1K 7P4  
Canada  
☎ 1 418 656 2652  
① 1 418 656 2040  
✉ joncas@phy.ulaval.ca

**Jones Albert F**

31 Ranui Rd  
Stoke  
Nelson  
New Zealand  
☎ 64 54 73 905

**Jones Barbara**

CASS  
UCSD  
C 011  
La Jolla CA 92093 0216  
USA  
☎ 1 619 534 4476  
① 1 619 534 2294  
✉ b2jones@ucsd.edu.

**Jones Barrie W**

Physics Dpt  
Open Univ  
Walton Hall  
Milton Keynes MK7 6AA  
UK  
☎ 44 1908 653 378  
① 44 1908 653 744  
✉ bw\_jones@  
uk.ac.open.acs.vax

**Jones Bernard J T**

Warren House  
1 East Pilgrim's Way  
Oxford Kent TN14 5RJ  
UK  
☎ 44 195 952 5321  
① 44 195 952 2407

**Jones Burton**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2384  
① 1 831 426 3115  
✉ jones@ucolick.org

**Jones Dayton L**

CALTECH/JPL  
MS 238 332  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 7774  
① 1 818 393 6030  
✉ dj@bllac.jpl.nasa.gov

**Jones Derek H P**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 374 781  
① 44 12 23 374 700  
✉ dhpj@ast.cam.ac.uk

**Jones Eric M**

LANL  
MS F665  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 6386  
① 1 505 665 4055

**Jones Frank Culver**

NASA GSFC  
Code 660  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5506  
① 1 301 286 1682  
✉ frank.c.jones@  
gsfc.nasa.gov

**Jones Harrison Price**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 325 9354  
① 1 520 325 9360

**Jones James**

Dpt Phys/Astronomy  
Univ W Ontario  
London ON N6A 3K7  
Canada  
☎ 1 519 661 3283\*6452  
① 1 519 661 2033  
✉ jimeteor@  
uwovas.uwo.ca

**Jones Janet E**

Warren House  
1 East Pilgrim's Way  
Oxford Kent TN14 5RJ  
UK  
☎ 44 195 952 2407  
① 44 195 952 5321  
✉ janet@  
astrag.demon.co.uk

**Jones Laurence R**

School Physics / Astron  
Univ Birmingham  
Birmingham B15 2TT  
UK  
☎ 44 12 14 143 565  
① 44 12 14 143 722  
✉ lrj@star.sr.bham.ac.uk

**Jones Michael**

MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 363  
① 44 12 23 354 599  
✉ mike@mrao.cam.ac.uk

**Jones Paul**

Centre for Astronomy  
UWS Nepean  
PO Box 10  
Kingswood NSW 2747  
Australia  
☎ 61 2 9678 7396  
① 61 2 9678 7202  
✉ p.jones@uws.edu.au

**Jones Thomas Walter**

School Phys/Astronomy  
Univ Minnesota  
116 Church St SE  
Minneapolis MN 55455  
USA  
☎ 1 612 624 8546  
① 1 612 626 2029  
✉ twj@astro.spa.umn.edu

**Jopek Tadeusz Jan**

Astron Observ  
A Mickiewicz Univ  
Ul Sloneczna 36  
PL 60 286 Poznan  
Poland  
☎ 48 61 67 9670  
① 48 61 53 6536  
✉ jopek@phys.amu.edu.pl

**Jordan Carole**

Dpt Th Physics  
Univ Oxford  
1 Keble Rd  
Oxford OX1 3NP  
UK  
☎ 44 186 527 3999  
① 44 186 527 3947  
✉ c.jordan@  
sommerville.oxford.ac.uk

**Jordan Stefan**

Inst Theor Phys/  
Sternwarte Univ Kiel  
Olshausenstr 40  
D 24098 Kiel  
Germany  
☎ 49 431 880 4105  
📞 49 431 880 4100  
✉ pas58@  
rz-uni-kiel.d400.de

**Jordan Stuart D**

NASA GSFC  
Code 682  
Greenbelt MD 20771  
USA  
☎ 1 301 286 7672  
📞 1 301 286 1617

**Jorden Paul Richard**

Marconi Applied  
Technologies  
Waterhouse Lane  
Chelmsford CM1 2QU  
UK  
☎ 44 12 45 453 458  
📞 44 12 45 453 224  
✉ paul.jorden@eev.com

**Jordi Carme**

Dpt Astronom Meteo  
Univ Barcelona  
Avd Diagonal 647  
E 08028 Barcelona  
Spain  
☎ 34 93 402 1126  
📞 34 93 402 1133  
✉ carme@am.ub.es

**Jorgensen Henning E**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 3995  
📞 45 35 32 5989  
✉ henning@astro.ku.dk

**Jorgensen Inger**

Gemini Observ  
670 N Aohoku Pl  
Hilo HI 96720  
USA  
☎ 1 808 974 2522  
📞 1 808 935 9650  
✉ ijorgensen@gemini.edu

**Jorgensen Uffe Graae**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 12 5998  
📞 45 35 32 5989  
✉ uffegi@nbivax.nbi.dk

**Jorissen Alain**

Inst Astrophysique  
Univ Bruxelles  
Campus Plaine CP 226  
B 1050 Bruxelles  
Belgium  
☎ 32 2 650 2834  
📞 32 2 650 4226  
✉ ajorisse@astro.ulb.ac.be

**Joselyn Jo Ann c**

NOAA ERL R/E/SE2  
Space Environment Lab  
325 Broadway  
Boulder CO 80303  
USA  
☎ 1 303 497 5147

**Joseph Charles Lynn**

Dpt Physics / Astron  
Rutgers Univ  
136 Frelinghuysen Rd.  
Piscataway NJ 08855 00849  
USA  
☎ 1 732 445 3704  
📞 1 732 445 4343  
✉ cjoseph@  
physics.rutgers.edu

**Joseph J H**

Dpt Geophys/Planet Sci  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 642 0633  
📞 972 3 640 9282

**Joseph Robert D**

Astrophysics Gr  
Imperial Coll  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7771  
📞 44 171 594 7772

**Joshi G C**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 421 2136  
✉ gcj@upso.ernet.in

**Joshi Mohan N**

TIFR/Radio Astronomy Ctr  
Box 8  
Udhagamandalam 643 001  
India  
☎ 91 423 2032

**Joshi Umesh C**

PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 79 462 5037  
📞 91 79 656 0502  
✉ joshi@prf.ernet.in

**Joss Paul Christopher**

Physics Dpt  
MIT Rm 6 203  
77 Massachusetts Ave  
Cambridge MA 02139 4307  
USA  
☎ 1 617 253 4845  
📞 1 617 253 9798  
✉ joss@mitins.mit.edu

**Joubert Martine**

LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5900  
📞 33 4 91 66 1855

**Jourdain de Muizon M**

ESA  
Apt 50727 Villafranca  
E 28080 Madrid  
Spain  
☎ 34 1 813 1100  
📞 34 1 813 1139

**Journet Alain**

OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 40 5447  
📞 33 4 93 40 5333  
✉ alain.journet@  
obs-azur.fr

**Jovanovic Bozidar**

Fac Agriculture  
Inst Wateranging  
Veljka Vlahovica 2  
21000 Novi Sad  
Yugoslavia FR  
☎ 381 2 153 66

**Joy Marshall J**

SSL  
SD50  
NASA MSFC  
Huntsville AL 35812  
USA  
☎ 1 205 544 3423  
📞 1 205 544 7754  
✉ marshall.joy@  
msfc.nasa.gov

**Judge Philip**

HAO  
NCAR  
Box 3000  
Boulder CO 80307 3000  
USA  
☎ 1 303 497 1000  
📞 1 303 497 1568

**Jugaku Jun**

2- 29- 3 Sakuragaoka  
Tama-shi  
Tokyo 206 0013  
Japan  
☎ 81 42 374 0450  
📞 81 42 374 7939  
✉ jugakujn@cc.nao.ac.jp

**Julusson Einar**

Menntaskolinn  
IS 840 Laugarvatni  
Iceland  
☎ 354 86 1133



**Jung Jae Hoon**

Korea Astronomy Observ  
 Whaam-dong 61-1 Dong  
 Taejon 305 348  
 Korea RP  
 ☎ 82 42 865 3265  
 ☎ 82 42 865 3272  
 ✉ jhjung@trao.re.kr

**Jung Jean**

22 r Briant  
 F 92260 Fontenay aux Roses  
 France

**Jungwiert Bruno**

Astron Inst  
 Academy Sci Czech Republic  
 Bocni II 1401  
 CZ 141 31 Prague 4  
 Czech Rep  
 ☎ 420 2 67 10 30 69  
 ☎ 420 2 72 76 90 23  
 ✉ bruno@antares.ig.cas.cz

**Junkes Norbert**

MPfR  
 auf d Huegel 69  
 D 53121 Bonn  
 Germany  
 ☎ 49 228 525 399  
 ☎ 49 228 525 229  
 ✉ njunkes@  
 mpifr-bonn.mpg.de

**Junkkarinen Vesa T**

CASS 0424  
 UCSD  
 La Jolla CA 92093 0216  
 USA  
 ☎ 1 619 534 0735  
 ☎ 1 619 534 0177  
 ✉ vesa@ucsd.edu

**Junor William**

Dpt Phys/Astronomy  
 Univ New Mexico  
 800 Yale Blvd NE  
 Albuquerque NM 87131  
 USA  
 ☎ 1 505 277 2616  
 ☎ 1 505 277 1520  
 ✉ bjunor@  
 astro.phys.unm.edu

**Jupp Alan H**

Dpt Appl Maths/Theor Phys  
 Univ Liverpool  
 Box 147  
 Liverpool L69 3BX  
 UK  
 ☎ 44 151 709 6022  
 ☎ 44 151 708 6502

**Jura Michael**

Dpt Astronomy/Phys  
 UCLA  
 Los Angeles CA 90095 1562  
 USA  
 ☎ 1 213 825 4302  
 ☎ 1 213 206 2096  
 ✉ jura@  
 clotho.astro.ucla.edu

**Jurcsik Johanna**

Konkoly Observ  
 Hungarian Acad Sci  
 PO Box 67  
 HU 1525 Budapest  
 Hungary  
 ☎ 36 1 3754 122  
 ☎ 36 1 2754 668  
 ✉ jurcsik@konkoly.hu

**Jurgens Raymond F**

CALTECH/JPL  
 MS 238 420  
 4800 Oak Grove Dr  
 Pasadena CA 91109 8099  
 USA  
 ☎ 1 818 354 4974  
 ☎ 1 818 393 6030

**Just Andreas**

ARI  
 Moenchstr 12-14  
 D 69120 Heidelberg  
 Germany  
 ☎ 49 622 140 5129  
 ☎ 49 622 140 5297  
 ✉ just@  
 ari.uni-heidelberg.de

**Juszkiewicz Roman**

Copernicus Astron Ctr  
 Polish Acad Sci  
 UI Bartycka 18  
 PL 00 716 Warsaw  
 Poland  
 ☎ 48 22 841 1086  
 ☎ 48 22 841 0046  
 ✉ roman@camk.edu.pl

**Juvela Mika J**

Kaesityoelaeisentie 17 C 27  
 FIN 00750 Helsinki  
 Finland  
 ☎ 358 9 3473 189  
 ☎ 358 9 1912 2952  
 ✉ mika.juvela@  
 astro.helsinki.fi

## K

**Kaasalainen Mikko K**

Helsinki Univ  
 Observ  
 PO Box 14  
 FIN 00014 Helsinki  
 Finland  
 ☎ 358 9 1912 2802  
 ☎ 358 9 1912 2952  
 ✉ kaselain@  
 gstar.astro.helsinki.fi

**Kaastra Jelle S**

SRON  
 Sorbonnelaan 2  
 NL 3584 CA Utrecht  
 Netherlands  
 ☎ 31 30 253 8570  
 ☎ 31 30 254 0860  
 ✉ J.kaastra@sron.ruu.nl

**Kaburaki Osamu**

Astron Inst  
 Tohoku Univ  
 Aramaki Aoba  
 Sendai 980  
 Japan  
 ☎ 81 22 222 1800  
 ☎ 81 22 261 2806  
 ✉ okabu@  
 astroa.astr.tohoku.ac.jp

**Kadiri Samir**

Faculte des Sciences Rabat  
 BP 1014 Rabat Agdal  
 PB 5157 Souissi  
 Rabat  
 Morocco  
 ☎ 212 7 75 8023  
 ☎ 212 7 75 8023

**Kadla Zdenka I**

Pulkovo Observ  
 Acad Sciences  
 10 Kutuzov Quay  
 196140 St Petersburg  
 Russia  
 ☎ 7 812 298 2242  
 ☎ 7 812 315 1701  
 ✉ kadla@pulkovo.spb.ru

**Kadouri Talib Hadi**

SARC  
 Scientific Res Council  
 Box 2441  
 Jadiriya Baghdad  
 Iraq  
 ☎ 964 1 776 5127

**Kaehler Helmuth**

Hamburger Sternwarte  
 Univ Hamburg  
 Gojenbergsweg 112  
 D 21029 Hamburg  
 Germany  
 ☎ 49 407 252 4112  
 ☎ 49 407 252 4198

**Kafatos Minas**

Physics Dpt  
 George Mason Univ  
 4400 Univ Dr  
 Fairfax VA 22030  
 USA  
 ☎ 1 703 993 1997  
 ☎ 1 703 993 1980  
 ✉ mkafatos@  
 compton.gmu.edu

**Kaftan May A**

1432 Corcoran St NW  
 Apt 2  
 Washington DC 20009  
 USA

**Kahabka Peter**

Astron Inst  
 Univ Amsterdam  
 Kruislaan 403  
 NL 1098 SJ Amsterdam  
 Netherlands  
 ☎ 31 20 525 7476  
 ☎ 31 20 525 7484  
 ✉ ptk@astro.uva.nl

**Kahane Claudine**

Observ  
 Lab Astrophysique  
 BP 53x  
 F 38041 S Martin Heres Cdx  
 France  
 ☎ 33 4 76 51 4600  
 ☎ 33 4 76 44 8821  
 ✉ kahane@  
 laog.obs.ujf-grenoble.fr

**Kahler Stephen W**

USAF Phillips Lab/GPSG  
 Boston College  
 Hanscom AFB MA 01731  
 3010  
 USA  
 ☎ 1 617 377 9665  
 ☎ 1 617 377 3160  
 ✉ kahler@plh.af.mil

**Kahlmann Hans Cornelis**

Radio Observ  
 Schattenberg 1  
 NL 9433 TA Zwiggelte  
 Netherlands  
 ☎ 31 59 39 2421  
 ☎ 31 59 39 2486  
 ✉ kahlmann\_hans@nrao.nl

**Kaidanovski Michael**

Inst Applied Astronomy  
 Zhdanovskaya St 8  
 197110 St Petersburg  
 Russia  
 ☎ 7 812 275 1118  
 ☎ 7 812 275 1119  
 ✉ kmn@ipa.rssi.ru

**Kaifu Norio**

Director General  
 NAO  
 Osawa, Mitaka  
 Tokyo 181 8588  
 Japan  
 ☎ 81 422 34 3650  
 ☎ 81 422 34 3690  
 ✉ kaifu@noa.ac.jp

**Kaiser Mary E**

JHU  
 3400 N Charles St  
 Baltimore MD 21218  
 USA  
 ☎ 1 410 516 5088  
 ☎ 1 410 516 5494  
 ✉ kaiser@pha.jhu.edu

**Kaitchuck Ronald H**

Dpt Phys/Astronomy  
 Ball State Univ  
 Muncie IN 47306  
 USA  
 ☎ 1 317 285 8860  
 ☎ 1 317 285 1624

**Kajino Toshitaka**

Ntl Astron Observ  
 Mitaka  
 Tokyo 188  
 Japan  
 ☎ 81 422 34 3740  
 ☎ 81 422 34 3746  
 ✉ kajino@nao.ac.jp

**Kakinuma Takakiyo T**

Inst Atmospheric Res  
 Nagoya Univ  
 3 13 Honohara  
 Toyokawa Aichi 442  
 Japan  
 ☎ 81 533 86 3154  
 ☎ 81 533 86 0811

**Kakuta Chuichi**

105 88 Onigoe  
 Shirakawa  
 Fukushima 961  
 Japan  
 ☎ 81 248 24 3321  
 ☎ 81 248 24 3321

**Kalafi Manoucher**

Ctr for Astron Res  
 Univ Tabriz  
 Tabriz 51664  
 Iran  
 ☎ 98 41 32564

**Kalandadze N B**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 95 5367  
📠 995 32 98 7000

**Kalberla Peter**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 73 3645  
📠 49 228 73 3672  
✉ pkalberl@astro.uni-bonn.de

**Kalenichenko Valentin**

Astron Observ  
Taras Shevchenko Univ  
3 Observatorna Str  
04053 Kyiv  
Ukraine  
☎ 380 44 216 0906  
📠 380 44 216 2630  
✉ kalenych@aoku.freenet.kiev.ua

**Kaler James B**

Dpt Astron/Physics  
Univ Illinois  
1002 W Green St  
Urbana IL 61801  
USA  
☎ 1 217 333 9382  
📠 1 217 244 7638

**Kalinkov Marin P**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
📠 359 2 75 5019  
✉ markal@astro.bas.bg

**Kalkofen Wolfgang**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7285  
📠 1 617 495 7049  
✉ wolf@cfa.harvard.edu

**Kaloglian Arsen T**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 2 567013  
📠 374 2 506407  
✉ astro@bao.sci.am

**Kalman Bela**

Debrecen Heliophys Observ  
Acad Sciences  
Box 30  
HU 4010 Budapest  
Hungary  
☎ 36 5 231 1015

**Kalmykov A M**

Astron Inst  
Uzbek Acad Sci  
Astronomicheskaya UI 33  
700000 Tashkent  
Uzbekistan  
☎ 998 3712 35 8102

**Kalnajs Agris J**

RSAA  
Mount Stromlo Observ  
Cotter Road  
Weston ACT 2611  
Australia  
☎ 61 2 6125 8043  
📠 61 2 6125 0233  
✉ agris@mso.anu.edu.au

**Kaltcheva Nadia**

Astronomy Dpt  
Univ Sia Kliment Ohridski  
5 James Bourchier Blvd  
BG 1164 Sofia  
Bulgaria  
☎ 359 2 54 4852  
📠 359 2 68 9085  
✉ physfac1@bgearn.bas.bg

**Kaluzny Janusz**

Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
📠 48 22 29 4697

**Kalvouridis Tilemahos**

Nat Tech Univ Athens  
5 Heroes Politechnion Ave  
Zografou  
GR 15773 Athens  
Greece  
☎ 30 1 7721 691  
📠 30 1 7721 302  
✉ telkal@central.ntua.gr

**Kalytis Romualdas**

Simulionio 4 156  
LT 2044 Vilnius  
Lithuania  
☎ 370 2 233 033  
📠 370 2 335 648  
✉ romualdas.kalytis@ff.vu.lt

**Kambe Eiji**

Dpt Geoscience  
National Defense Acad  
Yokosuka  
Kanagawa 239  
Japan  
☎ 81 468 41 3810  
📠 81 468 44 5902  
✉ kambe@apsgw.aps.seikei.ac.jp

**Kamel Osman M**

Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
📠 20 2 572 7556

**Kameya Osamu**

NAOJ  
MAO  
2 12 Hoshigaoka  
Mizusawa Iwate 023  
Japan  
☎ 81 197 22 7153  
📠 81 197 22 7120  
✉ kameya@miz.nao.ac.jp

**Kamijo Fumio**

Astronomy Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 381 22 111  
📠 81 338 13 9439

**Kaminishi Keisuke**

Physics Dpt  
Kumamoto Univ  
2 39 1 Kurokami  
Kumamoto 860  
Japan  
☎ 81 963 44 2111

**Kammeyer Peter C**

USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5100  
USA  
☎ 1 202 762 1428  
📠 1 202 762 1516

**Kamp Lucas Willem**

CALTECH/JPL  
MS 168 514  
4800 Oak Grove Dr  
Pasadena CA 91109  
USA  
✉ LW059@coda2.jpl.nasa.gov

**Kanamitsu Osamu**

Dpt Earth Sci/Astron  
Fukuoka Univ Edu  
729 1 Akama Munakata  
Fukuoka 811 41  
Japan  
☎ 81 940 358 1365  
📠 81 940 33 7730  
✉ kanamitsu@fukuoka-edu.ac.jp

**Kanayev Ivan I**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4400  
📠 7 812 123 4922  
✉ ivan@kanaev.spb.ru

**Kanbach Gottfried**

MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 3544  
📠 49 893 299 3606  
✉ gok@mpe.mpg.de

**Kanbur Shashi**

Dpt Phys/Astronomy  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855\*4268  
① 44 14 13 349 029  
✉ shash@astro.gla.ac.uk

**Kandalian Rafik A**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 2 56 7013  
① 374 2 50 6407  
✉ rkandali@bao.sci.am

**Kandel Robert S**

LMD  
Ecole Polytechnique  
F 91128 Palaiseau Cdx  
France  
☎ 33 1 69 41 8200

**Kandemir Guelcin**

Istanbul Technical Univ  
Fen Fakultesi Fizik B  
Maslak  
34452 Istanbul  
Turkey  
☎ 90 212 609 109  
① 90 212 519 0834

**Kandrup Henry Emil**

Astronomy Dpt  
Univ Florida  
211 SSRB  
Gainesville FL 32611  
USA  
☎ 1 352 392 2681  
① 1 352 392 9741  
✉ kandrup@astro.ufl.edu

**Kane Sharad R**

Space Sci Laboratory  
Univ California  
Grizzly Peak Blvd  
Berkeley CA 94720 7950  
USA  
☎ 1 415 642 1719

**Kaneda Hidehiro**

Inst Space/Astronautical  
Science  
Infrared Astrophysics  
Laboratory  
Yoshinodai 3-1-1,  
Sagamihara  
Kanagawa 229-8510  
Japan  
☎ 81 42 759 8076  
① 81 42 786 7202  
✉ kaneda@astro.isas.ac.jp

**Kaneko Noboru**

Physics Dpt  
Grad School Science  
Hokkaido Univ  
Sapporo 060- 0810  
Japan  
☎ 81 011 706 4435  
① 81 011 706 4926  
✉ kanekon@  
hucc.hokudai.ac.jp

**Kang Gon Ik**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Kang Hyesung**

Pusan Nat Univ  
Dpt Earth Sciences  
Pusan 609-735  
Korea RP  
☎ 82 51 510 2702  
① 82 51 513 7495  
✉ kang@uju.es.pusan.ac.kr

**Kang Jin Sok**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Kang Yong Hee**

Dpt Earth Science/Ed  
Kyungpook Ntl Univ  
Taegu 702 701  
Korea RP  
☎ 82 539 50 5916  
① 82 539 50 5946  
✉ yhkang@  
bh.kyungpook.ac.kr

**Kang Young Woon**

Dpt Earth Science  
King Sejong Univ  
89 Koonja-dong  
Seoul Sungdong 133 747  
Korea RP  
☎ 82 467 51 21

**Kanyo Sandor**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
① 36 1 275 4668

**Kaper Lex**

Astron Inst Anton Pannekoek  
Univ Amsterdam  
Kruislaan 403  
NL 1098 SJ Amsterdam  
Netherlands  
☎ 31 20 5257 474  
① 31 20 5257 484  
✉ lexk@astro.uva.nl

**Kapisinsky Igor**

Astron Inst  
Slovak Acad Sci  
Dubravska 9  
SK 842 28 Bratislava  
Slovakia  
☎ 421 7 37 5157  
① 421 7 37 5157

**Kaplan George H**

USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1562  
① 1 202 762 1612  
✉ gkaplan@usno.navy.mil

**Kaplan Lewis D**

Atmosph/Environmental  
Research Inc  
840 Memorial Dr  
Cambridge MA 02139  
USA  
☎ 1 617 547 6207

**Kapoor Ramesh Chander**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585  
① 91 80 553 4043

**Karaali Salih**

Univ Observ  
Univ Istanbul  
Univ 34452  
34452 Istanbul  
Turkey  
☎ 90 212 522 4200\*610  
① 90 212 519 0834

**Karachentsev Igor D**

SAO  
Acad Sciences  
Nizhnij Arkhzy  
357147 Karachaevo  
Russia  
☎ 7 878 7846116  
① 7 871 1406337  
✉ ikar@luna.sao.ru

**Karachentseva Valentina**

Astron Observ  
Kyiv State Univ  
Observatorna Str 3  
254053 Kyiv  
Ukraine  
☎ 380 4421 61994  
✉ vkarach@  
aoku.freenet.kiev.ua

**Karas Vladimir**

Astron Inst  
Charles Univ  
V Holesovickack 2  
CZ 180 00 Praha 8  
Czech Rep  
☎ 420 2 2191 2572  
① 420 2 688 5095  
✉ karas@mbox.cesnet.cz

**Kardashev Nicolay S**

Astro Space Ctr  
Lebedev Physical Inst  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 2378  
① 7 095 333 2378/310 7023  
✉ nkardash@asc.rssi.ru

**Karetnikov Valentin G R**

Astron Observ  
Odessa State Univ  
Shevchenko Park  
270014 Odessa  
Ukraine  
☎ 380 4822 20356  
☎ 380 4822 28442  
✉ astro@paco.net

**Karitskaya Eugenia A**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1616  
☎ 7 095 230 2081  
✉ karitsk@sai.msu.ru

**Karlicky Marian**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ. 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 3356  
☎ 420 288 1611  
✉ karlicky@asu.cas.cz

**Karoji Hiroshi**

NAOJ  
Osawa Mitaka 2 -2 -21  
Tokyo 181 - 8588  
Japan  
☎ 81 422 34 3518  
☎ 81 422 34 3527  
✉ karoji@  
optik.mtk.nao.ac.jp

**Karovska Margarita**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7347  
☎ 1 617 495 7356  
✉ karovska@cfa

**Karp Alan Hersh**

Hewlett Packard Co  
Hp Labs 1U - 3  
1501 Page Mill Rd  
Palo Alto CA 94304  
USA  
☎ 1 650 857 3967  
☎ 1 650 857 6278  
✉ alan\_karp@hp.com

**Karpen Judith T**

NRL  
Code 4175 K  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 3441

**Karpov Nikolai V**

Centre AMEI Observ  
Nat Academy Sciences  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 2286  
☎ 380 44 266 2147  
✉ karpov@mao.kiev.ua

**Karttunen Hannu**

Turku Univ  
Tuorla Observ  
Vaelsaelaentie 20  
FIN 21500 Piikkio  
Finland  
☎ 358 2 274 4244  
☎ 358 2 243 3767  
✉ hannu.karttunen@  
astro.utu.fi

**Karygina Zoya V**

Astrophys Inst  
Kazakh Acad Sci  
480068 Alma Ata  
Kazakstan  
☎ 7 62 4040

**Kashcheyev B L**

Kharkiv Tech Univ  
Radioelectronics  
Kharkov Av 14  
310059 Kharkiv  
Ukraine  
✉ ort@kture.kharkov.ua

**Kasper U**

Inst Mathematik  
Univ Potsdam  
am Neuen Palais 10  
D 14469 Potsdam  
Germany  
✉ ukasper@  
rz.uni-potsdam.de

**Kasturirangan K**

ISRO Satellite Ctr  
Dpt Space  
Vimanapura Post  
Bangalore 560 017  
India  
☎ 91 80 354 779  
☎ 91 82 333 2228

**Kasuga Takashi**

College Eng  
Hosei Univ  
Kajinocho Koganei  
Tokyo 184  
Japan  
☎ 81 423 87 6244  
☎ 81 423 87 6123

**Kasumov Fikret K O**

Inst Physics  
Akademgorodoc  
Narimanov Ul 33  
370122 Baku  
Azerbaijan  
☎ 994 39 6784

**Katgert Peter**

Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5817  
☎ 31 71 527 5833  
✉ katgert@  
strw.leidenuniv.nl

**Katgert-Merkelijn J K**

Rijkuniversiteit te  
Huygens Lab  
Box 9504  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5916  
☎ 31 71 527 5819  
✉ merkelyn@  
strw.leidenuniv.nl

**Kato Ken-ichi**

Science Museum Osaka  
4-2-1 Nakanoshima Kita-ku  
Osaka 530  
Japan  
☎ 81 644 45 184  
☎ 81 644 45 657  
✉ kato@  
sci-museum.kita.osaka.jp

**Kato Mariko**

Keio Univ  
Hiyoshi  
Koukoku-ku  
Yokohama 223 821  
Japan  
☎ 81 455 63 5753  
☎ 81 455 63 1650  
✉ mariko@  
educ.cc.keio.ac.jp

**Kato Shoji**

Astronomy Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 51 2111  
☎ 81 757 53 7010  
✉ kato@  
kusaastro.kyoto-u.ac.jp

**Kato Taichi**

Astronomy Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606-8502  
Japan  
☎ 81 757 533 898  
☎ 81 757 53 3897  
✉ tkato@  
kusaastro.kyoto-u.ac.jp

**Kato Takako**

Inst Plasma Physics  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 527 81 5111  
☎ 81 527 89 2845

**Katz Jonathan I**

Physics Dpt  
Washington Univ  
Campus Box 1105  
St Louis MO 63130  
USA  
☎ 1 314 889 6202  
☎ 1 314 935 4083

**Katz Joseph**

Racah Inst Phys  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel  
☎ 972 2 58 4604  
☎ 972 2 61 1519

**Kaufman Michele**  
Physics Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA

☎ 1 614 292 4464  
① 1 614 292 7557  
✉ rallis@mps.ohio-state.edu

**Kaufmann Jens Peter**

Inst Astron/Astrophysik  
Technische Uni  
Hardenbergstr 36  
D 10623 Berlin  
Germany

☎ 49 303 145 462  
① 49 303 142 3018

**Kaufmann Pierre**

CRAAE INPE  
EPUSP/PTR  
CP 61548  
01065 970 Sao Paulo SP  
Brazil

☎ 55 11 815 9322  
① 55 11 815 4272

**Kaul Chaman**

Nuclear Res Laboratory  
Bhabha Atomic Res Ctr  
Mumbai MH 400 085  
India

☎ 91 22 556 4225  
① 91 22 556 0750  
✉ nrl@magnum.barc.ernet.in

**Kawabata Kinaki**

Physics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan

☎ 81 527 89 2840  
① 81 527 89 2845

**Kawabata Kiyoshi**

Physics Dpt/College  
Sciences  
Science Univ Tokyo  
1 3 Kagurazaka Shinjuku  
Tokyo 162  
Japan

☎ 81 326 04 271  
✉ kawabata@rs.kagu.sut.ac.jp

**Kawabata Shusaku**

10 10 B1901 Nishioji-cho  
Kusatsu Shiga 525 0037  
Japan

☎ 81 771 22 2001

**Kawabe Ryohei**

Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan

☎ 81 267 63 4385  
① 81 267 63 4339  
✉ kawabe@nro.nao.ac.jp

**Kawaguchi Ichiro**

Okayama Univ  
Tsushima-naka, 3 1 1  
Okayama 700 3850  
Japan

☎ 81 86 251 7848  
① 81 86 251 7853  
✉ okakent@cc.okayama-u.ac.jp

**Kawaguchi Kentarou**

Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan

☎ 81 267 984 301  
① 81 267 982 884  
✉ nrokent@nro.nao.ac.jp

**Kawai Nobuyuki**

Cosmic Radiation Lab  
RIKEN  
2 1 Hirosawa

Wako Saitama 351 01  
Japan  
☎ 81 484 62 1111\*3226  
① 81 484 62 4640  
✉ nkawai@postman.riken.go.jp

**Kawaler Steven D**

Physics Dpt  
Iowa State Univ  
Ames IA 50011  
USA

☎ 1 515 294 9728  
① 1 515 294 6027  
✉ sdk@iastate.edu

**Kawamura Akiko**

Inst Astronomy  
Faculty Sciences, Univ  
Tokyo

2 21 1 Osawa, Mitaka  
Tokyo 181 8588  
Japan

☎ 81 422 34 3832  
① 81 422 34 37490  
✉ kawamura@ioa.s.u-tokyo.ac.jp

**Kawara Kimiaki**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan

☎ 81 422 32 5111  
① 81 422 34 3793  
✉ kkawara@iso.vilspa.esa.es

**Kawasaki Masahiro**

Inst Cosmic Ray Res  
Univ Tokyo  
Midori Cho  
Tanashi 188  
Japan

☎ 81 424 69 9595  
① 81 424 62 3096  
✉ kawasaki@ctsun1.icrr.u-tokyo.a

**Kawata Yoshiyuki**

Kanazawa Techn Inst  
7 1 Ogigaoka  
Nonoichimachi  
Ishikawa 921  
Japan

☎ 81 762 48 1100

**Kazantsev Anatoly M**

Astron Observ  
Taras Shevchenko Univ  
Observatorna str 3  
Kyiv 04 053  
Ukraine

☎ 380 44 216 2762  
✉ ankaz@aoku.freet.kiev.ua

**Kazantzis Panayotis**

Mathematics Dpt  
Univ Patras  
GR 261 10 Rion  
Greece

☎ 30 61 99 7572  
① 30 61 99 7636

**Kazarovets Elena V**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia

☎ 7 095 939 3318  
① 7 095 230 2081  
✉ elena-k@sai.msu.ru

**Kazes Ilya**

Observ  
ARPEGES  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France

☎ 33 1 45 07 7606  
① 33 1 45 07 7939  
✉ Ilya.Kazes@obsppm.fr

**Kazlauskas Algirdas S**

Gelvonu 52-35  
LT 2010 Vilnius  
Lithuania

☎ 370 2 621 117  
① 370 2 225 361  
✉ algisk@itpa.lt

**Keay Colin S I**

Physics Dpt  
Newcastle Univ  
Newcastle NSW 2308  
Australia

☎ 61 49 21 5451/5440  
① 61 49 21 6907  
✉ phcslk@cc.newcastle.edu.au

**Keel William C**

Dpt Phys/Astronomy  
Univ Alabama  
Box 870324  
Tuscaloosa AL 35487 0324  
USA

☎ 1 205 348 1641  
① 1 205 348 5051  
✉ keel@bildad.astr.ua.edu

**Keene Jocelyn Betty**

CALTECH  
MS 320 47  
Pasadena CA 91125  
USA

☎ 1 818 395 6675  
① 1 818 796 8806  
✉ jbk@tacos.caltech.edu

**Kegel Wilhelm H**  
Inst Theor Physics  
Univ Frankfurt  
Robert Mayer Str 8 10  
D 60054 Frankfurt a M  
Germany  
☎ 49 69 798 2357  
📠 49 69 798 8350

**Keil Klaus**  
Dpt Geology  
Univ New Mexico  
800 Yale Blvd NE  
Albuquerque NM 87131  
USA  
☎ 1 505 277 4204

**Keil Stephen L**  
AFGL  
NSO  
Sacramento Peak Obs  
Sunspot NM 88349  
USA  
☎ 1 505 434 1390  
📠 1 504 434 7029

**Kelemen Janos**  
Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
📠 36 1 275 4668  
✉ kelemen@  
ogyalla.konkoly.hu

**Keller Charles F**  
LANL  
MS F665  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 5648  
📠 1 505 665 4055

**Keller Christoph U**  
NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8445  
📠 1 520 318 8278  
✉ ckeller@noao.edu

**Keller Geoffrey**  
Astronomy Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 422 6279  
📠 1 614 292 2928

**Keller Hans Ulrich**  
Observ  
Neckarstr 47  
D 70173 Stuttgart  
Germany  
☎ 49 711 162 920  
📠 49 711 216 3912

**Keller Horst Uwe**  
MPI Aeronomie  
Max Planck Str 2  
D 37189 Katlenburg Lindau  
Germany  
☎ 49 55 979 419  
📠 49 55 979 141  
✉ keller@linmpi.mpg.de

**Kellermann Kenneth I**  
NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0240  
📠 1 434 296 0278  
✉ kkellerm@nrao.edu

**Kellogg Edwin M**  
CfA  
HCO/SAO MS 3  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7156  
📠 1 617 495 7356  
✉ emk@cfa.harvard.edu

**Kemball Athol**  
NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7330  
📠 1 505 835 7027  
✉ akemball@nrao.edu

**Kembhavi Ajit K**  
IUCAA  
Post Bag 4  
Megghnad Saha Rd  
Ganeshkind Pune 411 007  
India  
☎ 91 212 336 415  
📠 91 212 350 760  
✉ akk@iucanet.in

**Kenderdine Sidney**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 294  
📠 44 12 23 354 599

**Kendziorra Eckhard**  
Astronomisches Inst  
Univ Tuebingen  
Waldhauserstr 64  
D 72076 Tuebingen  
Germany  
☎ 49 707 129 6127  
📠 49 707 129 3458

**Kennedy Eugene T**  
School Physical Sci  
Ntl Inst Higher Education  
Glasnevin  
Dublin 9  
Ireland  
☎ 353 1 370 071

**Kennedy Hans Daniel**  
Box 7243  
Mail Ctr  
Toowoomba QLD 4352  
Australia

**Kennicutt Robert C**  
Dpt Phys/Astronomy  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 4032  
📠 1 520 621 1532  
✉ rkennicutt@  
as.arizona.edu

**Kenny Harold**  
Physics Dpt  
RMC  
Kingston ONT K7K 5L0  
Canada  
☎ 1 613 541 6000\*6042  
📠 1 613 541 6040  
✉ kenny-h@rmc.ca

**Kent Stephen M**  
Fermilab  
MS 209  
Box 500  
Batavia IL 60510  
USA  
☎ 1 708 840 8266  
📠 1 708 840 8274

**Kentischer Thomas**  
Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 319 8158  
📠 49 761 319 8111  
✉ tk@kis.uni-freiburg.de

**Kenyon Scott J**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7235  
📠 1 617 495 7356

**Kepler S O**  
Inst Fisica  
UFRGS  
CP 15051  
91501 900 Porto Alegre RS  
Brazil  
☎ 55 51 316 6556  
📠 55 51 319 1762  
✉ kepler@if.ufrgs.br

**Keppens Rony**  
FOM  
Box 1207  
NL 3430 BE Nieuwegein  
Netherlands  
☎ 31 30 603 1224  
📠 31 30 603 1204  
✉ keppens@rijnh.nl

**Kerr Roy P**

Dpt Phys/Astronomy  
Univ Canterbury  
Private Bag 4800  
Christchurch 1  
New Zealand  
☎ 64 348 2009  
☎ 64 336 42469  
✉ rp@  
math.canterbury.ac.nz

**Kerschbaum Franz**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 856  
☎ 43 1 427 795 18  
✉ kerschbaum@  
astro.univie.ac.at

**Keskin Varol**

Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*1738  
✉ efeast05@  
vm3090.ege.edu.tr

**Kessler Martin F**

ESA  
Apt 50727 Villafranca  
E 28080 Madrid  
Spain  
☎ 34 1 813 1253  
☎ 34 1 813 1308  
✉ mkessler@  
iso.vilspa.esa.es

**Kesteven Michael J I**

CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 9372 4544  
☎ 61 2 9372 4450  
✉ mkevsteve@  
atnf.csiro.au

**Khachikian Edward Ye**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 2 52 7003  
☎ 374 2 50 6407  
✉ ekhach@bao.sci.am

**Khaikin Vladimir B**

SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 784 4754  
☎ 7 901 498 2931  
✉ vkh@sao.ru

**Khalesseh Bahram**

Physics Dpt  
School Sciences  
Univ Ferdowsi  
Mashhad  
Iran  
☎ 98 51 32021\*64  
☎ 98 51 87079

**Khaliullin Khabibrachman F**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2378  
☎ 7 095 939 0126  
✉ hfh@sai.msu.ru

**Khanna Ramon**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9265  
☎ 49 622 150 9202  
✉ Ramon.Khanna@  
lsw.uni-heidelberg.de

**Kharadze E K**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 37 5226  
☎ 995 32 98 7000  
✉ ekhara@  
dtapha.kheta.georgie.su

**Kharchenko Nina**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
03680 Kiev 127  
Ukraine  
☎ 380 44 266 4768  
☎ 380 44 266 2147  
✉ nkhar@mao.kiev.ua

**Khare Bishun N**

NASA ARC  
MS 239 14  
Moffett Field CA 94035  
1000  
USA  
☎ 1 650 604 2465  
☎ 1 650 604 1088  
✉ khhare@  
mail.arc.nasa.gov

**Khare Pushpa**

Physics Dpt  
Utkal Univ  
Bhubaneswar 751 004  
India  
☎ 91 674 581 079  
☎ 91 674 581 142  
✉ khare@iopb.res.in

**Kharin Arkadiy S**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252127 Kiev 22  
Ukraine  
☎ 380 44 266 4769/1970  
☎ 380 44 266 2147  
✉ kharin@mao.kiev.ua

**Kharitonov Andrej V**

Astrophys Inst  
Kazakh Acad Sci  
480068 Alma Ata  
Kazakistan  
☎ 7 62 4040

**Khatishavili Alfez Sh**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 95 5367  
☎ 995 32 98 7000

**Khetsuriani Tsiala S**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 95 5367  
☎ 995 32 98 7000

**Khmil Sergiy V**

Astron Observ  
Observatorna str 3  
Kyiv 53 04053  
Ukraine  
☎ 380 44 216 0906  
☎ 380 44 216 2630  
✉ khmil@  
aoku.freenet.kiev.ua

**Khokhlova Vers L**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
☎ 7 095 230 2081  
✉ vkhkhk@inasan.rssi.ru

**Kholshvnikov Konstatin V**

Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 257 9488  
☎ 7 812 428 4259

**Kholtygin Alexander F**

Astron Inst  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 428 4163  
☎ 7 812 428 6649  
✉ afk@aispb4.spb.ru

**Khozov Gennadiy V**

Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 257 9484  
☎ 7 812 428 4259



**Khromov Gavriil S**

Russian Astron Geod Society  
24 Sadovaja Kudrinskaja S  
103001 Moscow  
Russia  
☎ 7 095 291 5896

**Kiang Tao**

Dunsink Observ  
DIAS  
Castleknock  
Dublin 15  
Ireland  
☎ 353 1 387 911  
☎ 353 1 387 090  
✉ tkiang@dunsink.dias.ie

**Kiasatpour Ahmad**

Physics Dpt  
Univ Esfahan  
Daneshgah E  
Esfahan  
Iran  
☎ 98 31 44321  
✉ kiasata@yahoo.com

**Kidger Mark R**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 60 5200  
☎ 34 922 60 5210  
✉ mrk@ll.iac.es

**Kielkopf John F**

Physics Dpt  
Univ Louisville  
Louisville KY 40292  
USA  
☎ 1 502 852 5990  
☎ 1 502 852 0742  
✉ john@  
physics.louisville.edu

**Kiguchi Masayoshi**

Res Inst Science/Tech  
Kinki Univ  
Higashi  
Osaka 577  
Japan  
☎ 81 672 12 332

**Kii Tsuneo**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 51 3911\*2624  
☎ 81 427 59 4253

**Kijak Jaroslaw**

Astronomy Centre  
Lubuska 2  
PL 65 001 Zielona Gora  
Poland  
☎ 48 68 202 863  
☎ 48 68 202 863  
✉ kijak@ca.wsp.zgora.pl

**Kikuchi Sadaemon**

Astron Inst  
Tohoku Univ  
Sendai Aoba  
Sendai Aoba  
Japan  
☎ 81 22 222 1800\*3327  
☎ 81 22 262 6609

**Kiladze R I**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 95 5367  
☎ 995 32 98 7000  
✉ roki@  
abao.kheta.georgia.su

**Kilambi G C**

Astronomy Dpt  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 71 951\*247

**Kilar Bogdan**

Fac Geodesy  
Univ E Kardelj  
Jamova 2  
Ljubljana  
Slovenia

**Kilian-Montenbruck Judith**

Inst Astron/Astrophysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6013  
☎ 49 89 2180 6003  
✉ kilian@  
usm.uni-muenchen.de

**Kilkenny David**

SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
☎ 27 21 447 3639  
✉ dmk@sao.ac.za

**Killeen Neil**

AAO  
ATNF  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
☎ 61 2 868 0400  
✉ nikilleen@atnf.csiro.au

**Kilmartin Pamela**

Mt John Observ  
Box 56  
Lake Tekapo 8770  
New Zealand  
☎ 64 3 680 6817  
✉ pokilmartin@  
csc.canterbury.ac.nz

**Kim Chulhee**

Dpt Earth Sci Edu  
Chonbuk Ntl Univ  
Chonju 560 756  
Korea RP

**Kim Chun Hwey**

Dpt Astronomy/Space Sci  
Chungbuk Ntl Univ  
San 48 Gaeshin Dong  
Cheongju 360 763  
Korea RP  
☎ 82 431 61 3139  
☎ 82 431 61 4232  
✉ kimch@  
astro.chungbuk.ac.kr

**Kim Ho Il**

Korea Astronomy Observ  
36 1 Whaam Dong  
Yuseong Gu  
Taejon 305 348  
Korea RP  
☎ 82 428 65 3282  
☎ 82 428 65 3282  
✉ hikim@hanul.issa.re.kr

**Kim Hyun-Goo**

Taeduk Radio Astronomy  
Observ  
San 36-1  
Whaam-dong, Yuseong-gu  
Taejon 305 348  
Korea RP  
☎ 82 42 865 3262  
☎ 82 42 865 3272  
✉ hgkim@trao.re.kr

**Kim Iraida S**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1676  
☎ 7 095 131 1676  
✉ kim@sai.msu.su

**Kim Jik Su**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Kim Kap-sung**

Dpt Astron/Space Sci  
Kyunghee Univ  
Yong In Kun  
Kyunggee 449 701  
Korea RP  
☎ 82 331 28 02443  
☎ 82 331 28 14964

**Kim Kwang-tae**

Dpt Astron/Space Res  
Chungnam Ntl Univ  
Daejoen 304 764  
Korea RP  
☎ 82 428 21 5463

**Kim Tu-Whan**

Ajou Univ  
School Info and Comp  
San 5, Wonchon, Paldal,  
Suwon  
Kyungki-do 442-749  
Korea RP  
☎ 82 428 23 1497  
📠 82 428 65 3282

**Kim Yong Hyok**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Kim Yong Uk**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Kim Yong-Cheol**

Astron Dept  
Yonsei Univ  
Seoul 120 749  
Korea RP  
☎ 82 2 2123 2682  
📠 82 2 362 5135  
✉ kim@csa.yonsei.ac.kr

**Kim Yonggi**

Dpt Astronomy/Space Sci  
Chungbuk Ntl Univ  
Chungbuk  
Korea RP  
☎ 82 431 61 2312  
📠 82 431 272 0695  
✉ ykkim@astro.chungbuk.ac.kr

**Kim Yongha**

Dpt Astron/Space Sci  
Chungnam Ntl Univ  
Chungnam  
Korea RP  
☎ 82 428 21 5461  
📠 82 428 22 8380  
✉ ykim@jupiter.chungnam.ac.kr

**Kim Yul**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Kim Zong Dok**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Kimble Randy A**

NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5783  
📠 1 301 286 7642  
✉ kimble@stars.gsfc.nasa.gov

**Kimura Hiroshi**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 339 21  
📠 86 25 301 459

**Kimura Toshiya**

National Aerospace Lab  
Kakuda Research Center  
Kimigaya, Kakuda-city  
Miyagi 981 1525  
Japan  
✉ kimura@kakuda-splab.go.jp

**King Andrew R**

Astronomy Dpt  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 2073  
📠 44 113 252 2200

**King David S**

Dpt Phys/Astronomy  
Univ New Mexico  
800 Yale Blvd NE  
Albuquerque NM 87131  
USA  
☎ 1 505 277 2941

**King David Leonard**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 374 000  
📠 44 12 23 374 700  
✉ king@uk.ac.cam.ast-star

**King Henry C**

Rickmansworth Road  
12A The Westminster  
Chorteywood, Herts  
WD3 5BY  
UK  
☎ 44 1923 282 484

**King Ivan R**

Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA  
☎ 1 510 642 2206  
📠 1 510 642 3411  
✉ iking@glob.berkeley.edu

**King Lindsay J**

MPI Astrophysik  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 89 3299 3385  
✉ lindsay@mpa-garching.mpg.de

**King-Hele Desmond G**

Royal Aircraft Establ  
Farnborough Hants  
UK  
☎ 44 12 52 244 61

**Kingston Arthur E**

Dpt Appl Maths/Theor Phys  
Queen's Univ  
Belfast BT7 1NN  
UK  
☎ 44 12 32 245 133  
📠 44 12 32 239 182

**Kinman Thomas D**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8000  
📠 1 520 318 8360  
✉ kinman@noao.edu

**Kinney Anne L**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4831  
📠 1 410 338 4767

**Kinoshita Hiroshi**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3615  
📠 81 422 34 3793  
✉ kinoshita@nao.ac.jp

**Kiplinger Alan L**

APAS DPR  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0391  
USA  
☎ 1 303 497 5892

**Kippenhahn Rudolf**

Rautenbreite 2  
D 37083 Goettingen  
Germany  
☎ 49 551 247 14  
📠 49 551 229 02

**Kipper Tonu**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 416 625  
📠 372 7 410 205

**Kiral Adnan**  
Muhurdar Cad  
Nazhhanim Apt. No. 95  
D: 3 Kadiky Ist.  
34452 Istanbul  
Turkey  
☎ 90 212 522 3597  
📠 90 212 519 0834

**Kirbiyik Halil**  
Physics Dpt  
Middle East Tech Univ  
06531 Ankara  
Turkey  
☎ 90 41 22 37100/3528

**Kirby Kate P**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7237  
📠 1 617 495 7356

**Kirian Tatiana R**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4252  
📠 7 812 315 1701  
✉ anna@gaoranspb.ru

**Kirilova Daniela**  
Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 62 56833  
📠 359 2 75 5019  
✉ mih@phys.uni-sofia.bg

**Kirk John**  
MPI Kernphysik  
Postfach 103980  
D 69029 Heidelberg  
Germany  
☎ 49 622 151 6248  
📠 49 622 151 6482  
✉ kirk@  
kirk0.mpi-hd.mpg.de

**Kirkpatrick Ronald C**  
LANL  
MS 220  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 4812  
📠 1 505 665 4055

**Kirshner Robert Paul**  
Astronomy Dpt  
Harvard Univ MS 46  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7519  
📠 1 617 495 7467  
✉ kirshner@  
cfa.harvard.edu

**Kiselev Nikolai N**  
Astron Observ  
Kharkiv State Univ  
Sumskaja Ul 35  
310022 Kharkiv  
Ukraine

**Kiselman Dan**  
Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 164 477  
📠 46 8 164 228  
✉ dan@astro.su.se

**Kiselyov Alexej A**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
📠 7 812 315 1701

**Kislyakov Albert G**  
Inst Applied Physics  
Acad Sciences  
Ulyanov Ul 46  
603600 N Novgorod  
Russia  
☎ 7 831 236 7253  
📠 7 831 236 2061

**Kislyuk Vitalij S**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
03680 Kiev 127  
Ukraine  
☎ 380 44 266 4768  
📠 380 44 266 2147  
✉ kislyuk@mao.kiev.ua

**Kisseleva Tamara P**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
📠 7 812 315 1701

**Kissell Kenneth E**  
Physics Dpt  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 314 9531  
📠 1 301 314 9531  
✉ kkissell@img.umd.edu

**Kitai Reizaburo**  
Hida Observ  
Kyoto Univ  
Kamitakara  
Gifu 506 13  
Japan  
☎ 81 578 62 311  
📠 81 578 62 118  
✉ kitai@  
kusastro.kyoto-u.ac.jp

**Kitamoto Shunji**  
Fac Sciences  
Osaka Univ  
Machikaneyama  
Toyonaka Osaka 560 0043  
Japan  
☎ 81 684 41 151

**Kitamura M**  
Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5111  
📠 81 422 34 3793

**Kitchin Christopher R**  
Hatfield Polytechnic  
Observ  
Bayfordbury  
Hertford Herts SG13 8LD  
UK  
☎ 44 199 255 8451

**Kiziloglu Nilguen**  
Physics Dpt  
Middle East Tech Univ  
06531 Ankara  
Turkey  
☎ 90 41 223 7100\*3268  
📠 90 41 286 8638  
✉ nlk@trmetu

**Kiziloglu Uemir**  
Physics Dpt  
Middle East Tech Univ  
06531 Ankara  
Turkey  
☎ 90 41 223 7100\*3275  
📠 90 41 286 8638  
✉ umk@trmetu

**Kjaergaard Per**  
Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5999/5987  
📠 45 35 32 5989  
✉ per@astro.ku.dk

**Kjeldsen Hans**  
Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 89 42 3609  
📠 45 86 12 0740  
✉ hans@obs.aau.dk

**Kjeldseth-Moe Olav**  
Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 510  
📠 47 22 856 505

**Kjurkchieva Diana**  
Physics Dpt  
Higher Pedagogical Inst  
BG 9700 Shoumen  
Bulgaria  
☎ 359 6 31 51216

**Klacka Jozef**  
Astron Inst  
Fac Mathematics & Physics  
SK Bratislava 1 1842 281  
Slovakia

**Klapp Jaime**  
Dpt Fisica  
UAM-I Iztapalapa  
Apt 55 534  
Mexico DF 09340  
Mexico  
☎ 52 5 724 4623  
① 52 5 686 1717

**Klare Gerhard**  
Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 110 036  
① 49 622 150 9202

**Klarmann Joseph**  
Physics Dpt  
Washington Univ  
Campus Box 1105  
St Louis MO 63130  
USA  
☎ 1 314 889 6299  
① 1 314 935 4083

**Kleczek Josip**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7157  
① 420 288 1611  
✉ kleczek@asu.cas.cz

**Klein Karl Ludwig**  
Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7761  
① 33 1 45 07 7959  
✉ Ludwig.Klein@obspm.fr

**Klein Michael J**  
CALTECH/JPL  
MS 303 401  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 7132  
① 1 818 393 6030

**Klein Richard I**  
LLNL  
L 23  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 422 3548  
① 1 415 423 0238

**Klein Ulrich**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 73 3644  
① 49 228 73 3672  
✉ uklein@astro.uni-bonn.de

**Kleinmann Douglas E**  
Honeywell Electro Optics  
Operation  
2 Forbes Rd  
Lexington MA 02173  
USA  
☎ 1 617 863 3841

**Klemola Arnold R**  
Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 4049  
① 1 831 426 3115  
✉ klemola@ucolick.org

**Klemperer W K**  
4300 Caddo Pkw.  
Boulder CO 80303  
USA  
☎ 1 303 494 1036  
✉ WKK@sni.net

**Klepczynski William J**  
South River Terrace  
Edgewater MD 21037  
USA  
☎ 1 410 798 8457  
① 1 410 798 8567  
✉ wklepczy@aol.com

**Kliem Bernhard**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9208  
① 49 331 749 200  
✉ bkliem@aip.de

**Klimchuk James A**  
Ctr for Space Sci/  
Astrophysics  
Stanford Univ ERL  
Stanford CA 94305 4055  
USA  
☎ 1 415 723 1765  
① 1 415 725 2333  
✉ klimchuk@flare.stanford.edu

**Klinglesmith Daniel A**  
NASA GSFC  
Code 684  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6541

**Klinkhamer Frans**  
Inst Theor Physik  
Univ Karlsruhe  
D 76128 Karlsruhe  
Germany

**Kloner Sergei A**  
Lohrmann Observ  
Dresden Tech Univ  
Mommсенstr 13  
D 01062 Dresden  
Germany  
☎ 49 351 463 2821  
① 49 351 463 7019  
✉ kloner@rns12.urz.tu-dresden.de

**Kliore Arvydas Joseph**  
CALTECH/JPL  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 6164  
① 1 818 393 6030

**Klochkova Valentina**  
SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 78 92 501  
① 7 969 08 2861  
✉ valenta@sao.ru

**Klock B L**  
3977 Hollieberry Lane  
Milton FL 32583  
USA  
☎ 1 904 994 1728  
✉ blklock@sprintmail.com

**Klocek Lubomir**  
Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 96 7866  
① 421 969 96 7656

**Klokoenik Jaroslav**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 8571 58  
① 420 288 1611  
✉ jklokoen@asu.cas.cz

**Klose Sylvio**  
Thueringer Landessternwarte  
Sternwarte 5  
D 07778 Tautenburg  
Germany  
☎ 49 364 278 630  
① 49 364 278 6329  
✉ klose@tls-tautenburg.de

**Kluzniak Wlodzimiere**  
Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
① 48 22 841 0828  
✉ wlodek@camk.edu.pl

**Klvana Miroslav**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7221  
☎ 420 288 1611  
✉ mklvana@asu.cas.cz

**Klymyshyn I A**  
Pushkin Ul 96 Apt 66  
284000 Ivanofrankovsk  
Ukraine

**Knacke Roger F**  
Penn State Erie  
The Behrend College  
Station Rd  
Erie PA 16563 0203  
USA  
☎ 1 814 898 6105  
☎ 1 814 898 6213

**Knapen Johan Hendrik**  
Dpt Physical Sciences  
Univ Hertfordshire  
College Lane  
Hatfield Herts AL 10 9AB  
UK  
☎ 44 1707 285251  
☎ 44 1707 284644  
✉ kanpen@star.herts.ac.uk

**Knapp Gillian R**  
Dpt Astrophysical Sci  
Princeton Univ  
Princeton NJ 08544 1001  
USA  
☎ 1 609 452 3824  
☎ 1 609 258 1020  
✉ knapen@star.herts.ac.uk

**Knee Lewis**  
DRAO  
NRCC/HIA  
Box 248  
Penticton BC V2A 6K3  
Canada  
☎ 1 250 493 2277  
☎ 1 250 493 7767  
✉ lewis.knee@hia.nrc.ca

**Kneer Franz**  
Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany  
☎ 49 551 39542  
☎ 49 551 395043

**Kneib Jean-Paul**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2824  
☎ 33 5 61 33 2840  
✉ kneib@obs-mip.fr

**Knezevic Zoran**  
Astron Observ  
Volgina 7  
11160 Beograd 74  
Yugoslavia FR  
☎ 381 1 141 9357/401 320  
☎ 381 1 141 9553  
✉ zoran@aob.bg.ac.yu

**Kniffen Donald A**  
Physics Dpt  
Hamptden Sydney Coll  
Box 862  
Hamptden Sydney VA 23943  
USA  
☎ 1 804 223 6255  
☎ 1 804 223 6374  
✉ donk@pulsar.hsc.edu

**Knoelker Michael**  
HAO  
NCAR  
Box 3000  
Boulder CO 80307 3000  
USA  
☎ 1 303 497 1501  
☎ 1 303 497 1568  
✉ knoe@ncar.edu

**Knoska Stefan**  
Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 96 7866  
☎ 421 969 96 7656

**Knowles Stephen H**  
9455 Deramus Farm CT  
Vienna VA 22448 5180  
USA  
☎ 1 202 404 7829  
✉ knowles@  
bdcmail.nrl.navy.mil

**Knude Jens Kirkeskov**  
Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5986  
☎ 45 35 32 5989  
✉ indus@astro.ku.dk

**Ko Hsien C**  
Dpt Elect Eng  
Ohio State Univ  
1958 Neil Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 422 2571

**Kobayashi Eisuke**  
Science Inst Osaka  
13 23 Karita 4 Chome  
Sumiyoshi Ku  
Osaka 558  
Japan  
☎ 81 669 21 882

**Kobayashi Hideyuki**  
Ntl Astron Observ  
2 21 1 Osawa  
Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3914  
☎ 81 422 34 3869  
✉ hkobaya@  
hotaka.mtk.nao.ac.jp

**Kobayashi Shiho**  
Theoretical Astrophysics  
Dpt Earch & Space Science,  
Osaka Univ  
Machikaneyama-cho,  
Toyonaka-ski  
Osaka 560 0043  
Japan  
☎ 81 6 850 5482  
☎ 81 6 850 5504  
✉ shiho@  
vega.ess.sci.osaka-u.ac.jp

**Kobayashi Yukisuya**  
Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5111  
☎ 81 422 34 3793

**Kocer Durcun**  
Astronomy Dpt  
Univ Istanbul  
34452 Istanbul  
Turkey  
☎ 90 212 522 3597  
☎ 90 212 522 6123

**Koch David G**  
NASA ARC  
MS 245 6  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 604 5528  
☎ 1 415 604 6779

**Koch Robert H**  
210 Roberts Road  
Ardmore PA 19003  
USA  
☎ 1 610 649 4305  
✉ Koch\_R@msn.com

**Kocharov Grant E**  
Ife Physical Tech Inst  
Acad Sciences  
Polytechnicheskaya Ul 26  
194021 St Petersburg  
Russia  
☎ 7 812 247 9167  
☎ 7 812 247 1017  
✉ kocharov@stu.spb.ru

**Kocharovsky Vitaly V**  
Inst Applied Physics  
Russian Acad Sci  
46 Ulyanov str  
603600 Nizhny Novgorod  
Russia  
☎ 7 831 238 4394  
☎ 7 831 236 2061  
✉ kochar@  
appl.sci-nnov.ru

**Kochhar Rajesh K**

NISTADS  
Pusa Gati  
K. S. Krisnan Marg  
New Dehli 110012  
India  
☎ 91 11 576 4064/ 574  
3227  
① 91 11 575 4640  
✉ rkochhar2000@  
yahoo mail

**Koch-Miramond Lydie**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 4329  
① 33 1 69 08 6577

**Kodaira Keiichi**

Hamadayama 4 3 23  
Suginami-ku  
Tokyo 168-0065  
Japan  
☎ 81 3 3313 2698  
① 81 3 3313 4205  
✉ Susukekod@aol.com

**Kodama Hideo**

Yukawa Istt Theor Physics  
Kyoto Univ  
Kitashirakawa  
Kyoto 606 01  
Japan  
☎ 81 757 53 7015  
① 81 757 53 7015  
✉ Kodama@  
yukawa.kyoto-u.ac.jp

**Kodama Tadayuki**

Dpt Astronomy  
Univ Tokyo  
Bunkyo-ku  
Tokyo 113 0033  
Japan  
☎ 81 3 5841 4275  
① 81 3 5841 7644  
✉ kodama@  
astron.s.u-tokyo.ac.jp

**Koeberl Christian**

Inst Geochemistry  
Univ Wien  
Althanstr 14  
A 1090 Wien  
Austria  
☎ 43 1 313 36 1714  
① 43 1 313 36 781  
✉ a8631dab@  
vm.univie.ac.at

**Koechlin Laurent**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2887  
① 33 5 61 33 2840  
✉ koechlin@obs-mip.fr

**Koehler H**

Sauerbruchstr 6  
D 89518 Heidenheim  
Germany  
☎ 49 732 144 560

**Koehler James A**

Physics Dpt  
Univ Saskatchewan  
Saskatoon SK S7N 0W0  
Canada  
☎ 1 306 966 6442

**Koehler Peter**

Carl Zeiss Jena Gmbh  
Tatzens Promenade 1a  
Postfach 125  
D 07740 Jena  
Germany  
☎ 49 364 1640  
① 49 364 164 2542  
✉ koehler@zeiss.de

**Koen Marthinus**

SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
① 27 21 447 3639  
✉ ck@sao.ac.za

**Koenigsberger Gloria**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 616 0653

**Koester Detlev**

Inst Theor Phys/  
Sternwarte Univ Kiel  
Olshausenstr 40  
D 24098 Kiel  
Germany  
☎ 49 431 880 4110  
① 49 431 880 4432

**Koevari Zsolt**

Konkoly Observ  
Hungarian Acad Sci  
PO Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 2754 122  
① 36 1 2754 668  
✉ kovari@konkoly.hu

**Kofman Lev**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 6196  
① 1 808 956 9590  
✉ kofman@ifa.hawaii.edu

**Kogoshvili Natela G**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 37 5226  
① 995 32 98 7000  
✉ nmnt@yahoo.com

**Kogure Tomokazu**

Togano-o 1-10  
Hashimoto Yawata  
Kyoto 614  
Japan  
☎ 81 759 83 2984

**Kohl John L**

Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7377  
① 1 617 495 7356

**Kohno Kotaro**

Nobeyama Radio Observ  
Minamimaki  
Minamisaku  
Nagano 384-1305  
Japan  
☎ 81 267 984 365  
① 81 267 982 884  
✉ kotaro@nro.nao.ac.jp

**Kohoutek Lubos**

Hamburger Sternwarte  
Univ Hamburg  
Gojenbergsweg 112  
D 21029 Hamburg  
Germany  
☎ 49 407 252 4112  
① 49 407 252 4198

**Koide Shinji**

Toyama Univ  
3190 Guku  
Toyama 930  
Japan  
☎ 81 764 456 745  
① 81 764 456 703  
✉ koidesin@  
ecs.toyama-u.ac.jp

**Koike Chiyo**

Kyoto Pharml Univ  
Misasagi  
Yamashina  
Kyoto 607  
Japan  
☎ 81 75 595 4702  
① 81 75 595 4793  
✉ koike@  
cr.scephys.kyoto-u.ac.jp

**Kojima Masayoshi**

Solar Terrestrial Lab  
Nagoya Univ  
3 13 Honohara Toyokawa  
Aichi 442  
Japan  
☎ 81 533 83 154  
① 81 533 86 0811  
✉ kojima@  
stelab.nagoya-u.ac.jp

**Kojima Yasufumi**

Physics Dpt  
Hiroshima Univ  
Higashi Senda Machi  
Hiroshima 739  
Japan

☎ 81 824 247 365  
☎ 81 824 240 717  
✉ kojima@theo.phys.sci.  
hiroshima-u.ac.jp

**Kokhirova Gulchehra I**

Inst Astrophysics  
Tajik Acad Sci  
Bukhoro Str 22  
734042 Dushanbe  
Tajikistan

☎ 7 3772 274624  
✉ gulya@  
academy.td.silk.org

**Kokkotas Konstantinos**

Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece

☎ 30 31 99 8185  
☎ 30 31 99 5384  
✉ kokkotas@astro.auth.gr

**Kokott Wolfgang**

Inst f Geschichte der  
Natwissenschaften  
Univ Munich  
D 80306 Muenchen  
Germany

☎ 49 89 2180 3252  
☎ 49 89 2180 3162  
✉ w.kokott@  
lrz.uni-muenchen.de

**Kokurin Yuri L**

Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia

☎ 7 095 135 0360  
☎ 7 095 135 7880

**Kolaczek Barbara**

Planetary Geodesy Dpt  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland

☎ 48 22 41 1086  
☎ 48 22 41 0828  
✉ cbk@camk.edu.pl

**Kolb Edward W**

Fermilab  
MS 209  
Univ Road  
Batavia IL 60510  
USA

☎ 1 312 840 4695

**Kolb Ulrich**

Dpt Physics / Astron  
Open Univ  
Walton Hall  
Milton Keynes MK6 7AA  
UK

☎ 44 1908 655 758  
☎ 44 1908 654 192  
✉ U.C.Kolb@open.ac.uk

**Kolchinskij I G**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine

☎ 380 4426 63110  
☎ 380 4426 62147

**Kolesov Alexander K**

Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
199178 St Petersburg  
Russia

☎ 7 812 428 7129  
☎ 7 812 428 4259

**Kolev Dimitar Zdravkov**

Ntl Astron Observ  
Bulgarian Acad Sci  
Box 136  
BG 4700 Smoljan  
Bulgaria

☎ 359 7 34 1559  
☎ 359 3 02 1356

**Kolka Indrek**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia

☎ 372 7 410 438  
☎ 372 7 410 205  
✉ indrek@aai.ee

**Kollath Zoltan**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary

☎ 36 1 375 4122  
☎ 36 1 275 4668

**Kollatschny Wolfram**

Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany

☎ 49 551 395 065  
☎ 49 551 395 043  
✉ wkollat@  
uni-sw.gwdg.de

**Kollberg Erik L**

Dpt Microwave Techn  
Chalmers Technical Univ  
SE 412 96 Goeteborg  
Sweden

☎ 46 31 772 1000  
☎ 46 31 772 3204

**Komarov N S**

Astron Observ  
Odessa State Univ  
Shevchenko Park  
270014 Odessa  
Ukraine

☎ 380 4822 20396  
☎ 380 4822 28442

**Komberg Boris V**

Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia

☎ 7 095 333 3366  
☎ 7 095 333 2378  
✉ bkomberg@  
lukash.asc.rssi.ru

**Komitov Boris**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria

☎ 359 2 75 8927  
☎ 359 2 75 8927  
✉ planet@bgearn.acad.bg

**Kompaneets Dmitriy A**

Astro Space Ctr  
Lebedev Physical Inst  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia

☎ 7 095 333 3366  
☎ 7 095 333 2378  
✉ dkompan@  
dpc.asc.rssi.ru

**Kondo Masaaki**

Senshu Univ  
Higashi-mita Tama-ku  
Kawasaki Shi  
Kanagawa 214  
Japan

☎ 81 449 11 7131  
✉ 86123@nacsis.ac.jp

**Kondo Masayuki**

1 2 25 Osawa  
Mitaka  
Tokyo 181  
Japan

☎ 81 422 32 5111  
☎ 81 422 34 3793

**Kondo Yoji**

NASA GSFC  
Code 684  
Greenbelt MD 20771  
USA

☎ 1 301 286 6247  
☎ 1 301 286 1752  
✉ kondo@  
iue.gsfc.nasa.gov

**Kondrashova Nina N**

Astron Observ  
Observatorna str 3  
Kyiv 04 053  
Ukraine

☎ 380 44 216 0906  
☎ 380 44 216 2630  
✉ kondr@  
aouk.freehet.kiev.ua

**Konigl Arieh**

Astronomy/Astrophys Ctr  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA

☎ 1 312 702 7968  
☎ 1 312 702 8212

**Kononovich Edward V**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2858  
☎ 7 095 939 0126  
✉ konon@sai.ms.ru

**Konopleva Varvara P**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 63110  
☎ 380 4426 62147

**Konovalenko Olexandr**  
Inst Radio Astron  
Ukrainian Acad Science  
4 Chervonopraporna st  
310002 Kharkiv  
Ukraine  
☎ 380 5724 71134  
☎ 380 5724 76506  
✉ rai@ira.kharkov.ua

**Kontizas Evangelos**  
Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 346 1191  
☎ 30 1 342 1019  
✉ ekontiza@astro.noa.gr

**Kontizas Mary**  
Physics Dpt  
Ntl & Kapodistrian Univ  
Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 727 6770  
☎ 30 1 727 6725  
✉ mkontiza@cc.uoa.gr

**Kontorovich Victor**  
Inst Radio Astron  
Ukrainian Acad Science  
4 Krasnoznamenaya  
310002 Kharkiv  
Ukraine  
☎ 380 5724 51014  
☎ 380 5724 76506  
✉ vkont@ira.kharkov.ua

**Koo Bon Chul**  
Astronomy Dpt  
Seoul Ntl Univ  
Kwanak Ku  
Seoul 151 742  
Korea RP  
☎ 82 288 06623  
☎ 82 288 71435  
✉ koo@astrohi.snu.ac.kr

**Koo David C-Y**  
Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2130  
☎ 1 831 459 5265  
✉ koo@ucolick.org

**Koornneef Jan F**  
Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 6647  
☎ 31 50 363 4033  
✉ jank@asto.rug.nl

**Kopecky Miloslav**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7118  
☎ 420 288 1611

**Kopp Greg**  
Meadowlark Optics  
7460 Weld County Rd 1  
Longmont CO 80504 9470  
USA  
☎ 1 303 776 4068  
☎ 1 303 776 5856  
✉ gkopp@meadowlark.com

**Kopp Roger A**  
LANL  
MS B259  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 665 3010  
☎ 1 505 667 7780  
✉ rak@lanl.gov

**Kopylov Alexander**  
SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 784 6148  
☎ 7 969 082 861  
✉ akop@sao.ru

**Korakitis Romylos**  
National Technical  
Univ Athens  
Gen Rogakou str 39  
GR 151 25 Maroussi  
Greece  
☎ 30 77 22 723  
☎ 30 77 22 670  
✉ romylos@survey.ntua.gr

**Koratkar Anuradha P**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4470  
☎ 1 410 338 5192  
✉ koratkar@stsci.edu

**Korchak Alexander A**  
ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 334 0120  
☎ 7 095 334 0124

**Kordi Ayman S**  
Astronomy Dpt  
Faculty Science  
PO Box 2455 King Sand  
Univ  
Riyadh 11451  
Saudi Arabia  
☎ 966 1 467 6323  
✉ askordi@ksu.edu.sa

**Koribalski Baerbel Silvia**  
CSIRO  
ATNF  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 9372 4361  
☎ 61 2 9372 4310  
✉ bkoribal@atnf.csiro.au

**Kormendy John**  
Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 6680  
☎ 1 808 988 9590  
✉ kormendy@ifa.hawaii.edu

**Kornilov Victor G**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2382  
☎ 7 095 939 8841  
✉ victor@sai.msu.ru

**Korovyakovskij Yuriy P**  
SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 789 2501

**Korpi Maarit J**  
Astronomy Dpt  
Univ Oulu  
PO Box 3000  
FIN 90014 Oulu  
Finland  
☎ 358 8 553 1961  
☎ 358 8 553 1934  
✉ Maarit.Korpi@oulu.fi

**Korsun Alla**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 64759  
☎ 380 4426 62147  
✉ akorsun@mao.kiev.ua

**Korsun Pavlo P**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 47 69  
☎ 380 44 266 21 47  
✉ korsun@mao.kiev.ua



**Korzavin Anatoly**  
SAO  
Acad Sciences  
Pulkovskoe shosse 65  
196140 St Petersburg  
Russia  
☎ 7 812 123 4019  
☎ 7 812 123 1922  
✉ kor@saoran.spb.ru

**Kosai Hiroki**  
Agasaki 2058 1  
Tamashima  
Kurashiki City 713  
Japan  
☎ 81 865 26 6233  
☎ 81 86 526 6233

**Kosek Wieslaw**  
Space Res Ctr  
Polish Acad Sci  
Ul Bartycka 18A  
PL 00 716 Warsaw  
Poland  
☎ 48 22 40 3766  
☎ 48 22 36 8961  
✉ kosek@cbk.waw.pl

**Koshiiba Masa-Toshi**  
Tokai Univ  
2-28 Tomiyaga  
Shibuya  
Tokyo 151  
Japan  
☎ 81 334 67 2211\*483  
☎ 81 334 85 4958

**Koshiishi Hideki**  
NASDA  
2 1 1 Sengen  
Tsukuba-shi  
Ibaraki-ken 305 8505  
Japan  
☎ 81 298 52 2297  
☎ 81 298 52 2299  
✉ koshiishi.hideki@nasda.go.jp

**Kosin Gennadij S**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
☎ 7 812 315 1701

**Kosovichev Alexander**  
Ctr for Space Sci/Astro  
Astrophysics  
Stanford Univ ERL 328  
Stanford CA 94305 4085  
USA  
☎ 1 650 723 7667  
☎ 1 650 725 2333  
✉ sasha@quake.stanford.edu

**Kostik Roman I**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 64762  
☎ 380 4426 62147

**Kostina Lidija D**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
☎ 7 812 315 1701

**Kostyakova Elena B**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2858  
☎ 7 095 939 0126

**Kosugi Takeo**  
ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 42 759 8175  
☎ 81 42 759 8457  
✉ kosugi@laputa2.solar.isas.ac.jp

**Kotanyi Christophe**  
NEPAE  
UFISM  
Cidado Universitaria  
97100 Santa Maria RS  
Brazil  
☎ 55 552 26 1616

**Kotelnikov Vladimir A**  
Inst Radio/Electron  
Acad Sciences  
Marx Av 18  
103907 Moscow  
Russia  
☎ 7 095 203 6078

**Kotilainen Jari**  
Turku Univ  
Tuorla Observ  
Vaesaelaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 274 4253  
☎ 358 2 243 3767  
✉ jkotilai@stardust.astro.utu.fi

**Kotnik-Karuza Dubravka**  
Fac Education  
Omladinska 14  
HR 51216 Viskovo  
HR 51000 Rijeka  
Croatia  
☎ 385 51 227 474  
☎ 385 51 515 142  
✉ kotnik@mapef.pefri.hr

**Kotov Valery**  
Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
☎ 380 6554 40704

**Kotrc Pavel**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 222  
☎ 420 288 1611  
✉ pkotrc@asu.cas.cz

**Koubsky Pavel**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 727  
☎ 420 288 1611  
✉ koubsky@sunstel.asu.cas.cz

**Koupelis Theodoros**  
Marathon Ctr  
Univ Wisconsin  
518 7th Av  
Wausau WI 54401  
USA  
☎ 1 715 845 9602  
☎ 1 715 848 3568  
✉ tkoupeli@uwcmail.uwc.edu

**Kourganoff Vladimir**  
20 Av Paul Apell  
F 75014 Paris  
France  
☎ 33 1 45 40 5053

**Koutchmy Serge**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8056  
☎ 33 1 44 32 8001  
✉ koutchmy@iap.fr

**Kouveliotou Chryssa**  
NASA MSFC  
Space Science Lab  
Code ES 62  
Huntsville AL 35812  
USA  
☎ 1 205 544 7711  
☎ 1 205 544 5800

**Kovachev B J**  
Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8827  
☎ 359 2 75 8927  
✉ kovachev@astro.bas.bg

**Kovacs Agnes**  
Debrecen Heliophys Observ  
Acad Sciences  
Box 30  
HU 4010 Budapest  
Hungary  
☎ 36 5 231 1015

**Kovacs Geza**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
📠 36 1 275 4668

**Koval I K**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 60869  
📠 380 4426 62147

**Koval'chuk George U**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 47 71  
📠 380 44 266 21 47  
✉ koval@mao.kiev.ua

**Kovalevsky Jean**

OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 40 5387  
📠 33 4 93 40 5333  
✉ kovalevsky@obs-azur.fr

**Kovar N S**

Physics Dpt  
Univ Houston  
Houston TX 77004  
USA  
☎ 1 713 743 3550  
📠 1 713 743 8589

**Kovar Robert P**

9666 E Orchard Dr  
Englewood CO 80111  
USA  
☎ 1 303 394 4494

**Kovetz Attay**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 420 234  
📠 972 3 640 8179

**Kovtyukh Valery V**

Astron Observ  
Odessa State Univ  
Shevchenko Park  
Odessa 65014  
Ukraine  
☎ 380 482 250 356  
📠 380 482 224 482  
✉ val@deneb.odessa.ua

**Kowal Charles Thomas**

STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4700  
📠 1 410 338 4767

**Koyama Katsuji**

Dpt Physics  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 75 753 3833  
📠 81 75 701 5377  
✉ koyama@  
cr.scphys.kyoto-u.ac.jp

**Kozai Yoshihide**

3 6 26 Taskaido-Nishi  
Suginami  
Tokyo 168 0071  
Japan  
☎ 81 3 3334 0194  
📠 81 3 3334 0194  
✉ kozai@  
yso.mtk.nao.ac.jp

**Kozasa Takashi**

Dpt Earth/Planet Sci  
Hokkaido Univ  
N10, W8  
Saporo 060 0810  
Japan  
☎ 81 11 706 3587  
📠 81 11 746 0394  
✉ kozasa@  
staub.sci.hokudai.ac.jp

**Kozlovsky B Z**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 640 8208  
📠 972 3 640 8179  
✉ benz@wise1.tau.ac.il

**Kozlowski Maciej**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
📠 48 22 841 0828

**Kozma Cecilia A**

Stockholm Observ  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 164 488  
📠 46 8 717 4719  
✉ cecilia@astro.su.se

**Kraan-Korteweg Renee C**

Dpt Astronomia  
Univ Guanajuato  
Apdo 144  
Guanajuato GTO 36000  
Mexico  
☎ 52 4 732 9548  
📠 52 4 732 0253  
✉ kraan@astro.ugto.mx

**Kraft Robert P**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 3281  
📠 1 831 426 3115  
✉ kraft@ucolick.org

**Kraicheva Zdravka**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8297  
📠 359 2 75 8927  
✉ zdravka@astro.bas.bg

**Kramer Kh N**

4924 SW 59 Av  
Portland OR 97221 1163  
USA  
☎ 1 503 203 8045

**Kramer Michael**

Jodrell Bank Observ  
Univ Manchester  
Macclesfield  
Cheshire SK11 9DL  
UK  
☎ 44 14 77 571 321  
📠 44 14 77 571 618  
✉ mkramer@jb.man.ac.uk

**Krasinski Andrzej**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
📠 48 22 841 0046  
✉ akr@camk.edu.pl

**Krasinsky George A**

Inst Appl Astronomy  
Acad Sciences  
Zhdanovskaya Ul 8  
197042 St Petersburg  
Russia  
☎ 7 812 230 7414  
📠 7 812 230 7413  
✉ kra@isisda.ipa.rssi.ru

**Kraus John D**

Radio Observ  
Ohio State Univ  
2015 Neil Av  
Columbus OH 43210  
USA  
☎ 1 614 548 7895

**Krause Marita**

MPIfR  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 315  
📠 49 228 525 436  
✉ mkrause@  
mpifr-bonn.mpg.de

**Kraushaar William L**  
Physics Dpt  
Univ Wisconsin  
1150 Univ Av  
Madison WI 53706  
USA  
☎ 1 608 262 5916  
📞 1 608 263 0361

**Krautter Joachim**  
Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9209  
📞 49 622 150 9202  
✉ jkrautter@hp2.lsw.uni-heidelberg.de

**Kravchuk Sergei**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 62502  
📞 380 4426 62147  
✉ kravchuk@mao.kiev.ua

**Kreidl Tobias J N**  
Information Technology  
Services  
Northern Arizona University  
Flagstaff AZ 86001  
USA  
☎ 1 520 523 6158  
✉ Tobias.Kreidl@nau.edu

**Kreiner Jerzy Marek**  
Inst Physics  
Pedagogical Univ  
Ul Podchorazych 2  
PL 30 084 Krakow  
Poland  
☎ 48 12 378 286  
📞 48 12 372 2243

**Kreisel E**  
Einstein Laboratorium  
Telegrafenberg  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 762 225

**Krelowski Jacek**  
Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018  
📞 48 56 24 602  
✉ jacek@astri.uni.torun.pl

**Krempec-Krygier Janina**  
Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018  
📞 48 56 24 602

**Kresakova Margita**  
Astron Inst  
Slovak Acad Sci  
Dubravská 9  
SK 842 28 Bratislava  
Slovakia  
☎ 421 7 37 5157  
📞 421 7 37 5157

**Kreysa Ernst**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 269  
📞 49 228 525 229

**Krichbaum Thomas P**  
MPIFR  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 295  
📞 49 228 525 229  
✉ tkrichbaum@mpifr-bonn.mpg.de

**Krieger Allen S**  
Radiation Science Inc  
Box 293  
Belmont MA 02178  
USA  
☎ 1 617 494 0335

**Krikorian Ralph**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8145  
📞 33 1 44 32 8001  
✉ krikorian@iap.fr

**Krisciunas Kevin**  
Cerro Tololo  
Inter-American Obser  
Casilla 603  
La Serena  
Chile  
☎ 56 51 225 415  
📞 56 51 205 212  
✉ kkrisciunas@noao.edu

**Krishna Gopal**  
NCRA TIFR  
Pune Univ Campus Pb 3  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 212 35 1384  
📞 91 212 33 5149  
✉ krishna@ncra.tifr.res.in

**Krishna Swamy K S**  
TIFR/Astrophys Gr  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 219 111  
📞 91 22 215 2110

**Krishnamohan S**  
TIFR/Radio Astronomy Ctr  
Box 8  
Bangalore 560 012  
India  
☎ 91 80 336 4062

**Krishnan Thiruvankata**  
Helios Antennas/Electron  
234 Avvai Shanmugham Rd  
Gopalapuram  
Madras 600 086  
India  
☎ 91 44 827 2680  
📞 91 44 825 6510  
✉ tkrishna@giasmd01.vsnl.net.in

**Kriss Gerard A**  
Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 338 7679  
📞 1 410 546 7279

**Kristensen Leif Kahl**  
Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 86 12 8899  
📞 45 86 20 7111

**Kristenson Henrik**  
Dorttningatan 20  
SE 432 410 Varberg  
Sweden

**Kristiansson Krister**  
Physics Dpt  
Univ Lund  
Soelvegatan 14  
SE 223 62 Lund  
Sweden  
☎ 46 46 222 7726  
📞 46 46 222 4709

**Krivov Alexander**  
Astron Inst St Petersburg  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 428 4163  
📞 7 812 428 7129  
✉ krivov@aispbu.spb.ru

**Krivsky Ladislav**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7225/7111  
📞 420 288 1611  
✉ astsun@ceseern

**Kriz Svatopluk**  
SK Press  
Masarykovo Nam 35  
CZ 25101 Ricany  
Czech Rep  
☎ 420 204 2486

**Krogdahl W S**  
Dpt Phys/Astronomy  
Univ Kentucky  
Lexington KY 40506 0055  
USA  
☎ 1 606 272 2659  
📠 1 606 323 2846

**Krolik Julian H**  
Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 338 7926  
📠 1 410 516 7279

**Krolikowska-Soltan  
Malgorzata**  
Space Res Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 40 3766  
📠 48 22 36 8961  
✉ mkr@cbk.waw.pl

**Kroll Peter**  
Sonneberg Observ  
Sternwarte 32  
D 96515 Sonneberg  
Germany  
☎ 49 367 581 214  
📠 49 367 581 219  
✉ pk@stw.tu-ilmeneau.de

**Kron Richard G**  
Yerkes Observ  
Univ Chicago  
Box 258  
Williams Bay WI 53191  
USA  
☎ 1 414 245 5555  
📠 1 414 245 9805  
✉ ruch@  
oddjob.uchicago.edu

**Kronberg Philipp**  
Dpt Physics  
Univ Toronto  
60 St George St  
Toronto ON M5S 1A7  
Canada  
☎ 1 416 978 4971  
📠 1 416 978 3921  
✉ kronberg@  
fourier.physics.utoronto.ca

**Kroto Harold**  
School Chemistry  
Univ Sussex  
Falmer  
Brighton BN1 9QJ  
UK  
☎ 44 12 73 67 8329  
✉ kafe4@  
cluster.sussex.ac.uk

**Kroupa Pavel**  
Inst Theor Physik/  
Astrophysik  
Univ Kiel  
D 24098 Kiel  
Germany  
☎ 49 431 880 4101  
📠 49 431 880 4100  
✉ pavel@  
astrophysik.uni-kiel.de

**Kruchinenko Vitaliy G**  
Astron Observ  
Kyiv State Univ  
Observatornaya Ul 3  
252053 Kyiv  
Ukraine  
☎ 380 4421 62691

**Krucker Sam**  
Space Sciences Laboratory  
Univ California  
Berkeley CA 94720 7450  
USA  
☎ 1 510 643 3101  
📠 1 510 643 8302  
✉ krucker@  
ssl.berkeley.edu

**Kruegel Endrik**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 0  
📠 49 228 525 229

**Krueger Albrecht**  
Zntrlinst Astrophysik  
Sternwarte Babalsberg  
An der Sternwarte 16  
D 14473 Potsdam  
Germany  
☎ 49 331 762225

**Krumm Nathan Allyn**  
Physics Dpt  
Univ Cincinnati  
210 Braunstein MI 11  
Cincinnati OH 45221 0111  
USA  
☎ 1 513 475 2232  
📠 1 513 556 3425

**Krupp Edwin C**  
Griffith Observ  
2800 East Observ Rd  
Los Angeles CA 90027  
USA  
☎ 1 213 664 1181  
📠 1 213 663 4323

**Kruszewski Andrzej**  
Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
📠 48 22 29 4697

**Krygier Bernard**  
Inst Radio Astronomy  
N Copernicus Univ  
Ul Gagarina 11  
PL 87 100 Torun  
Poland  
☎ 48 56 78 3327  
📠 48 56 11 651

**Kryshstal Alexander N**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 00 28  
📠 380 44 266 21 47  
✉ kryshstal@mao.kiev.ua

**Kryvdyk Volodymyr G**  
Taras Shevchenko National  
Univ  
Dpt Astronomy & Space  
Physics  
6 Hlyshkov ave  
Kyiv 03022  
Ukraine  
☎ 380 44 266 4507  
📠 380 44 266 4507  
✉ kryvdyk@  
galaxy.ups.kiev.ua

**Kryvodubskyy Valery**  
Astron Observ  
Kyiv State Univ  
Observatorna Str 3  
254053 Kyiv  
Ukraine  
☎ 380 44 216 2630  
✉ aoku@gluk.apc.org

**Krzeminski Wojciech**  
CIW  
Las Campanas Observ  
Casilla 601  
La Serena  
Chile  
☎ 56 51 21 3032

**Krzesinski Jerzy H**  
Mt Suhora Observ  
Cracow Pedagogical Univ  
ul Podchorazych 2  
PL 30084 Cracow  
Poland  
☎ 48 12 637 97 47  
📠 48 12 637 22 43  
✉ sfrzesi@cyf-kr.edu.pl

**Ksanfomaliti Leonid V**  
Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 2322/3122  
📠 7 095 310 7023

**Kubat Jiri**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 62 0127  
📠 420 2 88 1611  
✉ kubat@  
sunstel.asu.cas.cz

**Kubiak Marcin A**  
Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
📠 48 22 29 4697

**Kubicela Aleksandar**

Astron Observ  
Volgina 7  
11160 Beograd  
Yugoslavia FR  
☎ 381 1 141 9357/421 875  
☎ 381 1 141 9553  
✉ akubicela@aob.bg.ac.yu

**Kubo Yoshio**

Hydrographic Dpt  
Geodesy/Geophys Div  
Tsukiji 5 Chuo Ku  
Tokyo 104  
Japan  
☎ 81 354 13811  
☎ 81 354 52885  
✉ kuyoy@  
ws09.cue.jhd.go.jp

**Kubota Jun**

Kwasan/Hida Observ  
Kyoto Univ  
Yamashina  
Kyoto 607  
Japan  
☎ 81 755 81 1235  
☎ 81 75 593 9617

**Kucera Ales**

Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 967 866  
☎ 421 969 967 656  
✉ akucera@auriga.ta3.sk

**Kudashkina Larisa S**

Astron Observ  
Odessa State Univ  
Shevchenko Park  
Odessa 65014  
Ukraine  
☎ 380 482 228 442  
☎ 380 482 228 442  
✉ astro@paco.odessa.ua

**Kudritzki Rolf-Peter**

Univ Hawaii  
Inst Astronomy  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
✉ Kudritzki@  
ifa.hawaii.edu

**Kudrya Yury M**

Akad Zabolotnogo str 2, f51  
Kyiv 03 187  
Ukraine  
☎ 380 44 216 0906  
☎ 380 44 216 2630  
✉ kudrya@  
aoku.freenet.kiev.ua

**Kuehne Christoph F**

Koefflacher Str 36  
D 7928 Giengen/Brenz  
Germany  
☎ 49 732 244 48

**Kuehr Helmut**

MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 81  
☎ 49 622 152 8246

**Kuhi Leonard V**

School Phys/Astronomy  
Univ Minnesota  
116 Church St SE  
Minneapolis MN 55455  
USA  
☎ 1 612 624 0211  
☎ 1 612 624 2029

**Kuhn Jeffery Richard**

Physics/Astronomy Dpt  
Michigan State Univ  
East Lansing MI 48824  
USA  
☎ 1 517 353 2986  
☎ 1 517 535 4500  
✉ kuhn@msupa.edu

**Kuijpers H Jan M E**

Sterrekundig Inst Utrecht  
Box 80000  
NL 3508 TA Utrecht  
Netherlands  
☎ 31 30 253 5209  
☎ 31 30 253 1601  
✉ j.kuijpers@astro.uu.nl

**Kuimov Konstantin V**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1970  
☎ 7 095 932 8841  
✉ kok@sai.msu.ru

**Kuin Nicolaas Paulus M**

NASA GSFC  
Code 633 2  
Greenbelt MD 20771  
USA  
☎ 1 301 286 0677  
☎ 1 301 286 1771  
✉ kuin@  
nssdc.gsfc.nasa.gov

**Kuiper Lucien**

Sron-Utrecht  
Sorbonnelaan 2  
NL Utrecht 3584 CA  
Netherlands  
☎ 31 30 2538 575  
☎ 31 30 2540 860  
✉ l.kuiper@stron.nl

**Kuiper Thomas B H**

CALTECH/JPL  
MS 169 5065  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 5479  
☎ 1 818 393 6030

**Kuklin Georgly V**

Sibizmir  
Acad Sciences  
664697 Irkutsk 33  
Russia  
☎ 7 395 262 9388

**Kulcar Ladislav**

M. Bel University  
Faculty Economics  
Popradske nabr.  
SK 058 01 Poprad  
Slovakia

**Kulikova Nelli V**

INPE  
Studgorodok 1  
Kaluga Region  
249020 Obninck  
Russia  
☎ 7 843 970 822  
☎ 7 095 255 2225  
✉ iate@strom.iasnet.com

**Kulkarni Prabhakar V**

PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
☎ 91 272 44 5292

**Kulkarni Shrinivas R**

CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 818 356 4010  
☎ 1 818 568 1517

**Kulkarni Vasant K**

NCRA TIFR  
Pune Univ Campus Pb 3  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 212 33 7107  
☎ 91 212 33 5760

**Kulsrud Russell M**

Dpt Astrophys Sci  
Princeton Univ  
Princeton NJ 08544 1001  
USA  
☎ 1 609 683 2613  
☎ 1 609 258 1020

**Kultima Johannes**

EISCAT  
Geophysical Observ  
FIN 99600 Sodankylae  
Finland  
☎ 358 16 61 9880  
☎ 358 16 61 0375

**Kumagai Shiomi**

Physics Dpt CST  
Nihon Univ  
Kanda-Surugadai 1 8  
Chiyoda ku Tokyo 101  
Japan  
☎ 81 3 3259 0890  
☎ 81 3 3259 0890  
✉ kumagai@  
phys.cst.nihon-u.ac.jp

**Kumai Yasuki**

Dpt Management/Fac  
Commerce  
Kumamoto Gakuen Univ  
2-5-1 Oe  
Kumamoto 862-8680  
Japan  
☎ 81 96 364 5161  
☎ 81 96 372 0702  
✉ kumai@kumagaku.ac.jp

**Kumajgorodskaya Raisa N**

SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 789 3515

**Kumar C Krishna**

Dpt Phys/Astronomy  
Howard Univ  
Washington DC 20059  
USA  
☎ 1 202 636 6245

**Kumar Shiv S**

The Galileo Inst  
PO Box 6516  
Charlottesville VA 22906  
USA  
☎ 1 804 977 5890  
✉ galileo@cstone.net

**Kumkova Irina I**

Inst Appl Astronomy  
Acad Sciences  
Zhdanovskaya Ul 8  
197042 St Petersburg  
Russia  
☎ 7 812 123 4452  
☎ 7 812 230 7413  
✉ kumkova@ipa.rssi.ru

**Kumsiashvily Mzia I**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 95 5367  
☎ 995 32 98 7000

**Kun Maria**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
☎ 36 1 275 4668

**Kunchev Peter**

Astronomy Dpt  
Univ Sia  
P.O. Box 36  
BG 1504 Sofia  
Bulgaria  
☎ 359 2 625 6717  
☎ 359 2 962 5276  
✉ valgol@  
phys.uni-sofia.bg

**Kundt Wolfgang**

IAEF  
Univ Bonn  
auf d Huegel 71  
D 53121 Bonn  
Germany  
☎ 49 228 26 7400  
☎ 49 228 73 3672

**Kundu Mukul R**

Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 454 3005  
☎ 1 301 314 9067

**Kunieda Hideyo**

Astrophysics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 527 81 5111  
☎ 81 527 81 3541

**Kunitzsch Paul**

Davidstr 17  
D 81679 Muenchen  
Germany

**Kunjaya Chatief**

Bosscha Observ  
ITB Lembang  
Lembang 40391  
Indonesia  
☎ 62 22 278 6001  
☎ 62 22 278 6001  
✉ kunjaya@  
sirius.as.itb.ac.id

**Kunkel William E**

CIW  
Las Campanas Observ  
Casilla 601  
La Serena  
Chile  
☎ 56 51 21 3032  
✉ kunkel@  
charlie.ctio.noao.edu

**Kunth Daniel**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8085  
☎ 33 1 44 32 8001  
✉ kunth@iap.fr

**Kunze Ruediger**

Inst Theor Phys/  
Sternwarte Univ Kiel  
Olshausenstr 40  
D 24098 Kiel  
Germany  
☎ 49 431 880 1575  
☎ 49 431 880 4432  
✉ pas29@  
rz.uni-kiel.dbp.de

**Kuperus Max**

Sterrekundig Inst Utrecht  
Box 80000  
NL 3508 TA Utrecht  
Netherlands  
☎ 31 30 253 5211  
☎ 31 30 253 1601  
✉ m.kuperus@fys.ruu.nl

**Kupliauskiene Alicija**

Inst Theor Physics/  
Astronomy  
Gostauto 12  
LT Vilnius 2600  
Lithuania  
☎ 370 2 612 723  
☎ 370 2 224 694  
✉ kupl@itpa.fi.lt

**Kurfess James D**

NRL  
Code 4150  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 3182

**Kuril'chik Vladimir N**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 139 1030  
☎ 7 095 939 0126

**Kurochka Eugenia V**

Astron Observ  
Kyiv State Univ  
Observatorna Str 3  
254053 Kyiv  
Ukraine  
☎ 380 44 216 0906  
☎ 380 44 216 2630  
✉ jane@  
aoku.freenet.kiev.ua

**Kurochka L N**

Astron Observ  
Kyiv State Univ  
Observatornaya Ul 3  
252053 Kyiv  
Ukraine  
☎ 380 4421 62691

**Kurokawa Hiroki**

Kwasan/Hida Observ  
Kyoto Univ  
Yamashina  
Kyoto 607  
Japan  
☎ 81 75 581 1235  
☎ 81 75 593 9617

**Kurpinska-Winiarska M**

Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 25 1294  
☎ 48 12 25 1318

**Kurt Vitaliy G**

Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 3122  
☎ 7 095 310 7023  
✉ vkurt@asc.rssi.ru

**Kurtanidze Omar**

Astrophys Observ  
Kazbegi Ave 2a  
380060 Tbilisi  
Georgia  
☎ 995 32 95 5367  
☎ 995 32 001 153  
✉ okur@abao.kheta.ge

**Kurtz Donald Wayne**

Astronomy Dpt  
Univ Cape Town  
Private Bag  
7700 Rondebosch  
South Africa  
☎ 27 21 650 2394  
☎ 27 21 650 3342  
✉ dkurtz@physci.uct.ac.za

**Kurtz Michael Julian**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7434  
☎ 1 617 495 7467  
✉ kurtz@cfa.harvard.edu

**Kurtz Stanley E**  
Inst Astronomia  
UNAM  
Apdo. Postal 72 3 Xangari  
Morelia Michoacan 58089  
Mexico  
☎ 52 43 22 27 57  
☎ 52 43 22 27 26  
✉ kurtz@astrsmo.unam.mx

**Kurucz Robert L**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7429  
☎ 1 617 495 7356  
✉ kurucz@cfa.harvard.edu

**Kurzynska Krystyna**  
Astron Observ  
A Mickiewicz Univ  
Ul Sloneczna 36  
PL 60 286 Poznan  
Poland  
☎ 48 61 867 9670  
☎ 48 61 868 6511  
✉ kurzastr@  
main.amu.edu.pl

**Kus Andrzej Jan**  
Inst Radio Astronomy  
N Copernicus Univ  
Ul Gagarina 11  
PL 87 100 Torun  
Poland  
☎ 48 56 78 3327  
☎ 48 56 11 651

**Kusunose Masaaki**  
School Science  
Kwansei Gakuin Univ  
1 155 Uegahara Ichiban cho  
Nishinomiya 662  
Japan  
☎ 81 798 54 6454  
☎ 81 798 51 0914  
✉ z96020@  
kgupyr.kwansei.ac.uk

**Kutner Marc Leslie**  
RPI  
Physics Dpt  
Troy NY 12180 3590  
USA  
☎ 1 518 266 6417

**Kutter G Siegfried**  
PO Box 6759  
Breckenridge CO 80424  
6759  
USA  
☎ 1 970 547 9611  
✉ skutter@bdm.com

**Kutuzov Sergei A**  
Dpt Applied Mathematics  
St Petersburg Univ  
Bibliotchnaja Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 428 8646  
☎ 7 812 428 7189  
✉ sak@astro.spbu.ru

**Kuyken Koenraad H**  
Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 Av Groningen  
Netherlands  
☎ 31 50 363 4073  
☎ 31 50 363 6100

**Kuz'kov Vladimir P**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 47 69  
☎ 380 44 266 21 47  
✉ kuzkov@mao.kiev.ua

**Kuzmanoski Mike**  
Astronomy Dpt  
Univ Belgrade  
Studentski Trg 16  
11000 Beograd  
Yugoslavia FR  
☎ 381 1 163 8715  
☎ 381 1 163 0151  
✉ mike@matf.bg.ac.yu

**Kuzmin Andrei V**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1970  
☎ 7 095 932 8841  
✉ avk@sai.msu.ru

**Kuzmin Arkadii D**  
Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia  
☎ 7 095 135 2250  
☎ 7 095 135 7880  
✉ akuzmin@prao.psn.ru

**Kuznetsov Eduard**  
Urals State Univ  
Lenin Ave 51  
Ekaterinburg  
Russia  
☎ 7 3432 617 445  
☎ 7 3432 555 964  
✉ Eduard.Kuznetsov@  
usu.ru

**Kwee K K**  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 2727  
☎ 31 71 527 5819

**Kwiatkowski Tomasz**  
Astron Observ  
A Mickiewicz Univ  
Sloneczna 36  
PL 60286 Poznan  
Poland  
☎ 48 61 8679 670  
☎ 48 61 8679 511  
✉ tkastr@amu.edu.pl

**Kwitter Karen Beth**  
Astronomy Dpt  
Thompson Physics Lab  
Williams College  
Williamstown MA 01267  
USA  
☎ 1 413 597 2272  
☎ 1 413 597 3200  
✉ karen.b.kwitter@  
williams.edu

**Kwok Sun**  
Dpt Phys/Astronomy  
Univ Calgary  
2500 Univ Dr NW  
Calgary AB T2N 1N4  
Canada  
☎ 1 403 220 5414  
☎ 1 403 289 3331  
✉ kwok@iras.ucalgary.ca

**Kylafis Nikolaos D**  
Physics Dpt  
Univ Crete  
Box 1527  
GR 711 11 Iraklion  
Greece  
☎ 30 81 23 9757  
☎ 30 81 23 9735

## L

**La Bonte Barry James**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA

☎ 1 808 956 6531  
☎ 1 808 988 2790

**La Padula Cesare**

IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy

☎ 39 06 499 34473  
☎ 39 06 206 60188  
✉ lapadula@ias.rm.cnr.it

**Labay Javier**

Dpt Fisica Atmosfera  
Univ Barcelona  
Avd Diagonal 645  
E 08028 Barcelona  
Spain

☎ 34 3 330 7311  
☎ 34 3 402 1133

**Labeyrie Antoine**

OHP  
F 04870 S Michel Obs  
France

☎ 33 4 92 70 6400  
☎ 33 4 92 76 6295  
✉ labeyrie@obs-hp.fr

**Labeyrie Jacques**

CEA CEN  
CFR  
BP 2  
F 91191 Gif/Yvette Cdx  
France

☎ 33 1 69 67 7828

**Labhardt Lukas**

Astronomisches Inst  
Univ Basel  
Venusstr 7  
CH 4102 Binningen  
Switzerland

☎ 41 61 205 5415  
☎ 41 61 205 5455  
✉ labhardt@astro.unibas.ch

**Labs Dietrich**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany

☎ 49 622 509 036  
☎ 49 622 509 202

**Lacey Cedric**

SISSA  
Astrophysics Sector  
via Beirut 2 - 4  
I 34014 Trieste  
Italy

☎ 39 040 378 7517  
☎ 39 040 3787 528  
✉ lacey@sissa.it

**Lachize-Rey Marc**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France

☎ 33 1 69 08 6292  
☎ 33 1 69 08 6577

**Laclare Francis**

OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France

☎ 33 4 93 36 5849  
☎ 33 4 93 40 5353  
✉ Francis.Laclare@obs-azur.fr

**Lacy Claud H**

Physics Dpt  
Univ Arkansas  
104 Physics Bdg  
Fayetteville AR 72701  
USA

☎ 1 501 575 2506  
☎ 1 501 575 4580  
✉ clacy@comp.uark.edu

**Lacy John H**

Astronomy Dpt  
Univ Texas  
Rim 15 308  
Austin TX 78712 1083  
USA

☎ 1 512 471 1469  
☎ 1 512 471 6016

**Lada Charles Joseph**

CfA  
HCO/SAO MS 72  
60 Garden St  
Cambridge MA 02138 1516  
USA

☎ 1 617 495 7017  
☎ 1 617 495 7356  
✉ clada@cfa.harvard.edu

**Laffineur Marius**

21 bd Brune  
F 75014 Paris  
France

**Lafon Jean-Pierre J**

Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France

☎ 33 1 45 07 7858  
☎ 33 1 45 07 7872  
✉ jpj.lafon@obspm.fr

**Lagage Pierre-Olivier**

DSM DAPNIA SAP  
CEA Saclay  
Bat 709  
F 91191 Gif/Yvette  
France

☎ 33 1 69 08 70 16  
☎ 33 1 69 08 65 77  
✉ lagage@CEA.fr

**Lagerkvist Claes-Ingvar**

Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden

☎ 46 18 471 5977  
☎ 46 18 471 5999  
✉ Lagerkvist@astro.uu.se

**Lago Maria Teresa V T**

Centro Astrofisica  
Univ d Porto  
rua d Campo Alegre 823  
P 4150 Porto  
Portugal

☎ 351 2 600 7081  
☎ 351 226 007082  
✉ mtlago@astro.up.pt

**Lagrange Anne-Marie**

Observ  
Lab Astrophysique  
BP 53x  
F 38041 S Martin Heres Cdx  
France

☎ 33 4 76 51 4203  
☎ 33 4 76 44 8821  
✉ lagrange@laog.obs.ujf-grenoble.fr

**Lahav Ofer**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK

☎ 44 12 23 337 548  
☎ 44 12 23 337 523  
✉ oll@ast-star.cam.ac.uk

**Lahulla J Fornies**

Observ  
Nacional  
Alfonso XII 3  
E 28014 Madrid  
Spain

☎ 34 1 227 0107



**Lai Sebastiana**

Istt Astronomia  
Univ d Cagliari  
Via Ospedale 72  
I 09100 Cagliari  
Italy  
☎ 39 07 066 3544  
📠 39 07 072 5425

**Lainela Markku J**

Turku Univ  
Tuorla Observ  
Vaelsaelentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 2744 261  
📠 358 2 243 3 767  
✉ lainela@utu.fi

**Laing Robert**

Nuclear / Astrophysics Lab  
Kemble Rd  
Oxford OX1 3RH  
UK  
✉ rlaing@astro.ox.ac.uk

**Laird John B**

Dpt Phys/Astronomy  
Bowling Green State Univ  
Bowling Green OH 43403  
USA  
☎ 1 419 372 7244  
📠 1 419 372 9938  
✉ laird@tycho.bgsu.edu

**Lake Kayll William**

Physics Dpt  
Queen's Univ  
Kingston ON K7L 3N6  
Canada  
☎ 1 613 547 3020  
📠 1 613 545 6463

**Lal Devendra**

PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
📠 91 272 44 5292

**Lala Petr**

Office for Outer Space  
UN Office in Vienna  
E 0970 P.O. Box 500  
A 1400 Wien  
Austria  
☎ 43 1 26060 4952  
📠 43 1 26060 5830  
✉ petr.lala@  
OOSA.un.or.at

**Lallement Rosine**

Service Aeronomie  
BP 3  
F 91371 Verrieres Buisson  
France  
☎ 33 1 64 47 4235

**Lamb Frederick K**

Physics Dpt  
Univ Illinois  
1110 W Green St  
Urbana IL 61801 3080  
USA  
☎ 1 217 333 6363  
📠 1 217 333 4990  
✉ slamb@  
rigel.astro.uiuc.edu

**Lamb Richard C**

Physics Dpt  
Iowa State Univ  
Ames IA 50011  
USA  
☎ 1 515 294 3873  
📠 1 515 294 3262

**Lamb Susan Ann**

Dpt Astron/Physics  
Univ Illinois  
1002 W Green St  
Urbana IL 61801  
USA  
☎ 1 217 333 5550  
📠 1 217 244 7638  
✉ slamb@  
rigel.astro.uiuc.edu

**Lamb Jr Donald Quincy**

Dpt Astron/Astrophys  
Univ Chicago  
5801 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 702 7194  
📠 1 312 702 2812  
✉ lamb@  
oddjob.uchicago.edu

**Lambeck Kurt**

Australian Ntl Univ  
Res School Earth Science  
Box 4  
Canberra ACT 2600  
Australia  
☎ 61 262 49 2487

**Lambert David L**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 7438  
📠 1 512 471 6016  
✉ dll@astro.as.utexas.edu

**Lamers Henny J G L M**

Astron Inst  
Utrecht Univ  
Princetonplein 5  
NL 3584 CC Utrecht  
Netherlands  
☎ 31 30 253 5222  
📠 31 30 253 5201  
✉ lamers@astro.uu.nl

**Lamla Erich E**

Bruesselerstr 9  
D 53117 Bonn 1  
Germany

**Lamontagne Robert**

Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 342 7273  
📠 1 514 343 2071  
✉ 5007@cc.umontreal.ca

**Lampens Patricia**

Koninklijke Sterrenwacht  
van Belgie  
Ringlaan 3  
B 1180 Brussel  
Belgium  
☎ 32 2 373 0263  
📠 32 2 374 9822  
✉ patricia.lampens@  
oma.be

**Lampton Michael**

Space Sci Laboratory  
Univ California  
Grizzly Peak Blvd  
Berkeley CA 94720 7950  
USA  
☎ 1 510 642 3576  
📠 1 510 643 8303  
✉ mlampton@  
ssl.berkeley.edu

**Lamy Philippe**

LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5932  
📠 33 4 91 66 1855  
✉ Philippe.Lamy@  
astrsp-mrs.fr

**Lancaster Brown Peter**

10a St Peter's Rd  
Aldeburgh Suffolk  
UK

**Lanciano Nicoletta**

Dpt Matematica  
Univ d Roma La Sapienza  
Pl A Moro 2  
I 00185 Roma  
Italy  
☎ 39 06 499 13254  
📠 39 06 447 01007  
✉ lanciano@uniroma1.it

**Lancon Ariane**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0710  
📠 33 3 88 15 0740  
✉ lancon@  
astro.u-strasbg.fr

**Lande Kenneth**

Physics Dpt  
Univ Pennsylvania  
Philadelphia PA 19104  
USA  
☎ 1 215 898 8177  
📠 1 215 898 9336

**Landecker Peter Bruce**  
Boeing Satellite Systems  
1736 Nelson Ave  
Manhattan Beach CA 90266  
USA  
☎ 1 310 364 8725  
📠 1 310 364 5792  
✉ landecker@cyberdude.com

**Landecker Thomas L**  
DRAO  
NRCC/HIA  
Box 248  
Penticton BC V2A 6K3  
Canada  
☎ 1 250 493 2277  
📠 1 250 493 7767

**Landi Degl-Innocenti E**  
Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
📠 39 055 220 039  
✉ landie@arcetri.astro.it

**Landini Massimo**  
Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2247  
📠 39 055 220 039  
✉ landini@arcetri.astro.it

**Landman Donald Alan**  
Mission Res Corp  
735 State St  
PO Drawer 719  
Santa Barbara CA 93102  
USA

**Landolfi Marco**  
Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2256  
📠 39 055 220 039  
✉ landolfi@arcetri.astro.it

**Landolt Arlo U**  
Dpt Phys/Astronomy  
Louisiana State Univ  
Baton Rouge LA 70803 4001  
USA  
☎ 1 225 578 1160  
📠 1 225 578 7001  
✉ landolt@rouge.phys.lsu.edu

**Landstreet John D**  
Dpt Phys/Astronomy  
Univ W Ontario  
London ON N6A 3K7  
Canada  
☎ 1 519 679 2111\*6707  
📠 1 519 661 2033  
✉ jlandstr@uwo.ca

**Lane Adair P**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7654  
📠 1 617 495 7356  
✉ adain@cfa.harvard.edu

**Lane Arthur Lonnie**  
CALTECH/JPL  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 345 2725  
📠 1 818 393 6030

**Laney Clifton D**  
SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
📠 27 21 447 3639

**Lang James**  
Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 821 900  
📠 44 12 35 445 808

**Lang Kenneth R**  
Dpt Phys/Astronomy  
Tufts Univ  
Robinson Hall  
Medford MA 02155  
USA  
☎ 1 617 381 3390

**Lang Mark**  
Physics Dpt  
Univ College  
Galway  
Ireland  
☎ 353 91 52 4411\*3241  
📠 353 91 52 5700  
✉ mark.lang@ucg.ie

**Langer Norbert**  
Astron Inst  
Utrecht Univ  
Princetonplein 5  
NL 3584 CC Utrecht  
Netherlands

**Langer William David**  
CALTECH/JPL  
MS 169 506  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 5823  
📠 1 818 393 6030

**Langhoff Stephanie R**  
NASA ARC  
MS 230 3  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 604 6213  
📠 1 416 604 0350  
✉ slanghoff@mail.arc.nasa.gov

**Langston Glen I**  
NRAO  
Route 92/28  
Box 2  
Green Bank WV 24944  
USA  
☎ 1 304 456 2224  
📠 1 304 456 2170  
✉ glangston@nrao.edu

**Lannes Andre**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
📠 33 5 61 27 3179

**Lanning Howard Hugh**  
CSC/STScI  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 516 5525  
📠 1 410 338 4767  
✉ lanning@stsci.edu

**Lantos Pierre**  
Observ  
DASOP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7767  
📠 33 1 45 07 7959  
✉ pierre.lantos@obspm.fr

**Lanz Thierry**  
NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5920  
📠 1 301 286 1753  
✉ lanz@stars.gsfc.nasa.gov

**Lanza Antonino Francesco**  
Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2238  
📠 39 095 33 0592  
✉ nlanza@alpha4.ct.astro.it

**Lanzafame Alessandro C**  
Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2239  
📠 39 095 330 592  
✉ acl@sunct.ct.astro.it

**Lapasset Emilio**

Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 423 0491  
☎ 54 351 421 0613  
✉ lapasset@oac.uncor.edu

**Lapuente Pilar Ruiz**

Dpt Astronom Meteo  
Univ Barcelona  
Avd Diagonal 647  
E 08028 Barcelona  
Spain  
☎ 34 3 402 1121  
☎ 34 3 402 1133  
✉ pilar@farm0.ub.es

**Lapushka K K**

Astron Observ  
Latvian State Univ  
Rainis Blvd 19  
LV 226098 Riga  
Latvia  
☎ 371 722 3149  
☎ 371 782 0180  
✉ lapushka@astr2.lu.lv

**Laques Pierre**

OMP  
57 r d'Azereix  
F 65008 Tarbes Cedex  
France  
☎ 33 5 62 95 1969  
☎ 33 3 88 25 0160

**Lara Luisa M**

Inst Astrofisica de Andalucia  
Camino Bajo de Heutor 24  
P.O. Box 3004  
E 18080 Granada  
Spain  
☎ 34 958 121 311  
☎ 34 958 814 530  
✉ lara@iaa.es

**Lara Martin**

ROA  
Cecilio Pujazon 22 3 A  
E 11110 San Fernando  
Spain  
☎ 34 95 659 9367  
☎ 34 95 659 9366  
✉ mlara@roa.es

**Large Michael I**

School Physics  
UNSW  
Sydney NSW 2006  
Australia  
☎ 61 2 692 2222  
☎ 61 2 660 2903

**Lari Carlo**

Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9410  
☎ 39 051 639 9431  
✉ lari@ira.bo.cnr.it

**Larionov Mikhael G**

SAI  
Acad Sciences  
Universitetiskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2378  
☎ 7 095 932 8841  
✉ mgl@sai.msu.ru

**LaRosa Theodore N**

Biological/Physical Sciences  
Kennesaw State Univ  
1000 Chastain Rd  
Kennesaw GA 30144  
USA  
☎ 1 770 423 6038  
☎ 1 770 423 6625  
✉ ted@avatar.kennesaw.edu

**Larsen Soeren S**

Uco/Lick Observ  
Univ California  
Kerr Hall  
Santa Cruz 95064 CA  
USA  
☎ 1 831 459 2526  
☎ 1 831 426 3115  
✉ soeren@ucolick.org

**Larson Harold P**

Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 6943  
☎ 1 520 621 4933

**Larson Richard B**

Astronomy Dpt  
Yale Univ  
Box 208101  
New Haven CT 06520 8101  
USA  
☎ 1 203 432 3015  
☎ 1 203 432 5048  
✉ larson@astro.yale.edu

**Larson Stephen M**

Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 4973  
☎ 1 520 621 4933

**Larsson Stefan**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 716 4464  
☎ 46 8 717 4719  
✉ larsson@astro.su.se

**Larsson-Leander Gunnar**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7000  
☎ 46 46 222 4614

**Lasala Gerald J**

Physics Dpt  
Univ Southern Maine  
96 Falmouth St  
Portland ME 04103  
USA  
☎ 1 207 780 4557  
☎ 1 207 780 4933  
✉ lasala@portland

**Lasenby Anthony**

MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 274  
☎ 44 12 23 354 599  
✉ a.n.lasenby@mrao.cam.ac.uk

**Lasher Gordon Jewett**

IBM  
T J Watson Res Ctr  
Box 218  
Yorktown Heights NY 10598  
USA

**Laskar Jacques**

IMCCE  
Observatoire de Paris  
77 Av Denfert Rochereau  
F 75014 Paris  
France  
☎ 33 1 40 51 2274  
☎ 33 1 46 33 2834  
✉ laskar@bdl.fr

**Laskarides Paul G**

Astronomy Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 727 6751  
☎ 30 1 723 8413  
✉ plaskar@phys.uoa.gr

**Lasota Jean-Pierre**

IAP  
98bis bd Arago  
F 75018 Paris  
France  
☎ 33 1 43 32 8080  
☎ 33 1 43 32 8001  
✉ Jean-Pierre.Lasota@iap.fr

**Latham David W**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7215  
☎ 1 617 495 7467  
✉ dlatham@cfa.harvard.edu

**Latour Jean J**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
☎ 33 5 61 27 3179

**Lattanzi Mario G**  
Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9000  
📞 39 011 461 9030  
✉ lattanzi@to.astro.it

**Lattanzio John**  
Mathematics Dpt  
Monash Univ  
Wellington Rd  
Clayton VIC 3168  
Australia  
☎ 61 3 9905 4428  
📞 61 3 9905 4930  
✉ johnl@  
flash.maths.monash.edu.au

**Latter William B**  
CALTECH  
SIRTF Science Center/  
MS 314-6  
Pasadena CA 91125  
USA  
☎ 1 626 395 8568  
📞 1 626 568 0673  
✉ latter@ipac.caltech.edu

**Lattimer James M**  
Dpt Earth/Space Sci  
Astronomy Program  
Suny at Stony Brook  
Stony Brook NY 11794 2100  
USA  
☎ 1 516 632 8227  
📞 1 516 632 8176  
✉ lattimer@  
astro.sunysb.edu

**Latypov A A**  
Ulugh Beg Astron Inst  
Uzbek Acad Sci  
Astronomicheskaya Ul 33  
700052 Tashkent  
Uzbekistan  
☎ 998 3712 35 8102  
✉ nurit@astrin.uzsci.net

**Lauberts Andris**  
FOA 3  
Box 1165  
SE 581 11 Linköping  
Sweden  
☎ 46 13 11 8235  
📞 46 13 13 1665

**Launay Francoise**  
Observ  
DAMAP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7550  
📞 33 1 45 07 7121  
✉ francoise.launay@  
obspm.fr

**Launay Jean-Michel**  
Observ  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France

**Laureijs Rene J**  
ESA  
Apt 50727 Villafranca  
E 28080 Madrid  
Spain  
☎ 34 1 813 1367  
📞 34 1 813 1308  
✉ rlaurey@  
iso.vilspa.esa.es

**Laurent Claudine**  
Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2221  
📞 33 1 44 32 3992

**Laurikainen Eija**  
Dpt Physical Sciences  
Div Astronomy  
FIN 90401 Oulu  
Finland  
☎ 358 81 553 1936  
📞 358 8 553 1934  
✉ eija@koivu.oulu.fi

**Lausberg Andre**  
Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
📞 32 4 254 7511  
✉ lausberg@astro.ulg.ac.be

**Lautman D A**  
CFA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7461  
📞 1 617 495 7356

**Laval Annie**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
📞 33 4 91 62 1190  
✉ Annie.Laval@  
observatoire.cnrs-mrs.fr

**Lavrov Mikhail I**  
Engelhardt Astronom  
Observ  
Observatoria Station  
422526 Kazan  
Russia  
☎ 7 32 4827

**Lavrukhina Augusta K**  
Vernadsky Inst Geochem/  
Analytical Chemistry  
Kosygin Str 19  
117334 Moscow  
Russia  
☎ 7 095 137 7538

**Lawrence Andrew**  
Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 688 346  
📞 44 13 16 688 356  
✉ al@roe.ac.uk

**Lawrence Charles R**  
CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 818 356 4976  
📞 1 818 568 1517

**Lawrence G M**  
LASP  
Univ Colorado  
Campus Box 392  
Boulder CO 80309 0392  
USA

**Lawrence John Keeler**  
Dpt Phys/Astron  
San Fernando Observ  
California State Univ  
Northridge CA 91330 8268  
USA  
☎ 1 818 541 0649  
📞 1 818 541 0663  
✉ jlance@  
galileo.csun.edu

**Lawrie David G**  
Aerospace Corp  
MS M4 041  
Box 92957  
Los Angeles CA 90009 2957  
USA  
☎ 1 310 648 6142  
📞 1 310 336 1636

**Lawson Peter R**  
CALTECH/JPL  
MS 306 388  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 0747  
📞 1 818 393 9471  
✉ lawson@  
hucy.jpl.nasa.gov

**Lawson Warrick**  
Senior Lecturer  
School Physics  
Australian Defense Force  
Academy  
Canberra ACT 2600  
Australia  
☎ 61 262 688 810  
📞 61 262 68 8786  
✉ w-lawson@adfa.oz.au

**Layden Andrew Choisy**  
Dpt Phys/Astronomy  
Bowling Green State Univ  
104 Overman Hall  
Bowling Green OH 43403  
USA  
☎ 1 419 372 8653  
📞 1 419 372 9938  
✉ layden@  
kracken.bgsu.edu

**Layzer David**  
421 Fairmont St.  
Belmont MA 04178  
USA  
☎ 1 617 484 8189  
✉ layzer@fas.harvard.edu

**Lazareff Bernard**  
 IRAM  
 300 r La Piscine  
 F 38406 St Martin Heres  
 Cdx  
 France  
 ☎ 33 4 76 82 4941  
 ☎ 33 4 76 51 5938

**Lazaro Carlos**  
 IAC  
 Observ d Teide  
 via Lactea s/n  
 E 38200 La Laguna  
 Spain  
 ☎ 34 2 226 2211  
 ☎ 34 2 260 5210

**Lazauskaitė Romualda**  
 Studentu 39  
 Dpt Theoretical Physics  
 Vilnius Pedagogical Univ  
 LT Vilnius  
 Lithuania  
 ☎ 370 2 728 261  
 ☎ 370 2 728 140  
 ✉ laroma@itpa.lt

**Lazorenko Peter F**  
 Main Astron Observ  
 Ukrainian Acad Science  
 Golosiv  
 Kyiv 127 03680  
 Ukraine  
 ☎ 380 44 266 47 58  
 ✉ gallaz@mao.kiev.ua

**Lazovic Jovan P**  
 Astronomy Dpt  
 Univ Belgrade  
 Studentski Trg 16  
 11000 Beograd  
 Yugoslavia FR  
 ☎ 381 1 163 8715  
 ☎ 381 1 163 0151

**Lazrek Mohamed**  
 CNCPRST  
 48 Charia Omar Ibu Khattab  
 Agdal  
 Rabat  
 Morocco  
 ☎ 212 7 77 42 15  
 ☎ 212 7 77 1288  
 ✉ larrek@cnr.ac.ma

**Lazzarin Monica**  
 Dpt Astronomia  
 Univ d Padova  
 Vic d Osservatorio 5  
 I 35122 Padova  
 Italy  
 ☎ 39 049 829 3468  
 ☎ 39 049 875 9840  
 ✉ lazzarin@pd.astro.it

**Lazzaro Daniela**  
 Observ  
 Rua Gl Bruce 586  
 San Cristovao  
 20921 030 Rio de Janeiro RJ  
 Brazil  
 ☎ 55 21 580 7181  
 ☎ 55 21 580 0332  
 ✉ daza@on.br

**Le Bertre Thibaut R**  
 Observ  
 DEMIRM  
 61 Av Observatoire  
 F 75014 Paris  
 France  
 ☎ 33 1 40 51 2043  
 ☎ 33 1 40 51 2002  
 ✉ Thibaut.LeBertre@obsmp.fr

**Le Borgne Jean-Francois**  
 OMP  
 14 Av E Belin  
 F 31400 Toulouse Cdx  
 France  
 ☎ 33 5 61 33 2929  
 ☎ 33 5 61 53 6722  
 ✉ leborgne@obs-mip.fr

**Le Bourlot Jacques**  
 Observ  
 DAEC  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7566  
 ☎ 33 1 45 07 7123  
 ✉ lebourlot@obsmp.fr

**Le Contel Jean-Michel**  
 OCA  
 Observ Nice  
 BP 4229  
 F 06304 Nice Cdx 4  
 France  
 ☎ 33 4 92 00 3011  
 ☎ 33 4 92 00 3033  
 ✉ lecontel@obs-nice.fr

**Le Fevre Olivier**  
 Observ  
 DAEC  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7555  
 ☎ 33 1 45 07 7123

**Le Floch Andre**  
 Dpt d Physique  
 Universite Tours  
 F 37200 Tours  
 France  
 ✉ lefloch@univ-tours.fr

**Le Poole Rudolf S**  
 Leiden Observ  
 Box 9513  
 NL 2300 RA Leiden  
 Netherlands  
 ☎ 31 71 527 5871  
 ☎ 31 71 527 5743  
 ✉ lepoole@strw.leidenuniv.nl

**Le Squeren Anne-Marie**  
 GRAAL  
 Univ Montpellier II  
 Pl E Bataillon  
 F 34095 Montpellier Cdx 5  
 France  
 ☎ 33 4 67 14 3567  
 ☎ 33 4 67 54 4850

**Lea Susan Maureen**  
 Dpt Phys/Astronomy  
 San Francisco State Univ  
 1600 Holloway Av  
 San Francisco CA 94132  
 USA  
 ☎ 1 415 338 1655  
 ☎ 1 415 338 2178  
 ✉ lea@stars.sfsu.edu

**Leach Sydney**  
 Observ  
 DAMAP  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7561  
 ☎ 33 1 45 07 7121  
 ✉ leach@obsmp.fr

**Leacock Robert Jay**  
 Astronomy Dpt  
 Univ Florida  
 211 SSRB  
 Gainesville FL 32611  
 USA  
 ☎ 1 352 392 2052  
 ☎ 1 352 392 5089

**Leahy Denis A**  
 Physics Dpt  
 Univ Calgary  
 2500 Univ Dr NW  
 Calgary AB T2N 1N4  
 Canada  
 ☎ 1 403 220 7192  
 ☎ 1 403 289 3331

**Leahy J Patrick**  
 NRAL  
 Univ Manchester  
 Jodrell Bank  
 Macclesfield SK11 9DL  
 UK  
 ☎ 44 147 477 1321  
 ☎ 44 147 757 1618  
 ✉ jpl@uk.ac.man.jb.star

**Lebofsky Larry Allen**  
 Lunar/Planetary Lab  
 Room 325 Bg 92  
 Univ Arizona  
 Tucson AZ 85721 0092  
 USA  
 ☎ 1 520 621 6947  
 ☎ 1 520 621 4933

**Lebovitz Norman R**  
 Mathematics Dpt  
 Univ Chicago  
 5734 S Univ Av  
 Chicago IL 60637  
 USA  
 ☎ 1 312 702 7329

**Lebre Agnes**  
 GRAAL  
 Univ Montpellier II  
 Pl E Bataillon  
 F 34095 Montpellier Cdx 5  
 France  
 ☎ 33 4 67 14 4735  
 ☎ 33 4 67 14 4535  
 ✉ lebre@graal.univ-montp2.fr

**Lebreton Yveline**

Observ  
DASGAL  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7859  
☎ 33 1 45 07 7878  
✉ lebreton@obsppm.fr

**Lecar Myron**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7251  
☎ 1 617 495 7356

**Lecavelier des Etangs Alain**

IAP-CNRS  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8077  
☎ 33 1 44 32 8001  
✉ lecavali@iap.fr

**Leckrone David S**

NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8904  
☎ 1 301 286 8709

**Lederle Trudert**

ARI  
Moenchhstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 50  
☎ 49 622 140 5297  
✉ s00@mvs.urz.uni-heidelberg.de

**Ledlow Michael James**

Gemini Observ  
Southern Operations Center  
AURA  
Casillia 603 La Serena  
Chile  
☎ 56 51 205 376  
☎ 56 51 205 364  
✉ mledlow@gemini.edu

**Lee Dong Hun**

Dpt Astron/Space Sci  
Kyunghee Univ  
Yong In Kun  
Kyunggee 449 701  
Korea RP  
☎ 82 331 86 131  
✉ dhlee@nms.kyunghee.ac.kr

**Lee Eun-Hee**

Yonsei Univ Observ  
134 shinchon  
Seodaemun ku  
Seoul 120 749  
Korea RP  
☎ 82 2 361 3439  
☎ 82 2 313 5033  
✉ ehl123@hitel.net

**Lee Hyung Mok**

Dpt Earth Sciences  
Pusan Ntl Univ  
Kum Jong Ku  
Pusan 609 735  
Korea RP  
☎ 82 515 10 2702  
☎ 82 515 13 7495  
✉ hmlee@hyowon.pusan.ac.kr

**Lee Jong Truenliang**

Taiwan  
China R

**Lee Myung Gyoon**

Astronomy Dpt  
Seoul Ntl Univ  
Kwanak Ku  
Seoul 151 742  
Korea RP  
☎ 82 288 06 621  
☎ 82 288 71435  
✉ mglee@astrog.snu.ac.kr

**Lee Paul D**

Dpt Phys/Astronomy  
Middle Tennessee State Univ  
PO Box 71  
Murfreesboro TN 37132  
USA  
☎ 1 615 898 5833  
☎ 1 615 898 5303  
✉ plec@physics.mtsu.edu

**Lee Sang Gak**

Astronomy Dpt  
Seoul Ntl Univ  
Kwanak Ku  
Seoul 151  
Korea RP  
☎ 82 877 2131/2139  
☎ 82 288 71435

**Lee See-woo**

Astronomy Dpt  
Seoul Ntl Univ  
Kwanak Ku  
Seoul 151  
Korea RP  
☎ 82 877 21 319\*3308  
☎ 82 288 71435

**Lee Terence J**

Royal Observ  
Head Technology  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 673 321  
☎ 44 13 16 688 356

**Lee Thyphoon**

Inst Earth Sciences  
Academia Sinica  
Box 23 59  
Taipei 107  
China R  
☎ 886 2 396 3211

**Lee Woo-baik**

Korea Astronomy Observ  
36 1 Whaam Dong  
Yuseong Gu  
Taejon 305 348  
Korea RP  
☎ 82 428 61 5611  
☎ 82 428 61 5610

**Lee Yong-Sam**

Dpt Astronomy/Space Sci  
Chungbuk Ntl Univ  
San 48 Gaeshin Dong  
Cheongju 360 763  
Korea RP  
☎ 82 431 61 2314  
☎ 82 431 67 4232  
✉ leeys@ast.chungbuk.ac.kr

**Lee Young Wook**

Astronomy Dpt  
Yonsei Univ  
Shinchon 134 Seodaemon K  
Seoul 120 749  
Korea RP  
☎ 82 236 12 689  
☎ 82 231 35 033  
✉ ywlee@galaxy.yonsei.ac.kr

**Lee Youngung**

Korea Astronomy Observ  
Whaam-dong 61-1  
Yusung  
Taejon 305 348  
Korea RP  
☎ 82 42 865 3281  
☎ 82 42 865 3272  
✉ Yulee@ira.o.re.kr

**Leedjaerv Laurits**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 410 343  
☎ 372 7 410 205  
✉ leed@aai.ee

**Leer Egil**

Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 503  
☎ 47 22 856 505

**Lefebvre Michel**

CNES/GRGS/BGI  
18 Av E Belin  
F 31055 Toulouse Cdx  
France  
☎ 33 5 61 27 3131  
☎ 33 5 61 27 3179

**LeFevre Jean**

Lab d'Astronomie Spatiale  
CNRS  
Traverse du Siphon B.P. 8  
F 13376 Marseille Cedex 12  
France  
☎ 33 4 91 05 5985  
☎ 33 4 91 66 1855  
✉ Olivier.Lefevre@astrsp-mrs.fr

**Leger Alain**

IAS  
Bt 121  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 85 8580  
☎ 33 1 69 85 8675  
✉ leger@iaslab.ias.fr

**Legg Thomas H**

NRCC/HIA  
100 Sussex Dr  
Ottawa ON K1A 0R6  
Canada  
☎ 1 613 993 6060  
☎ 1 613 952 6602

**Lehman Holger**

Thueringer Landessternwarte  
Sternwarte 5  
D 07778 Tautenburg  
Germany  
☎ 49 364 278 630  
☎ 49 364 278 6329  
✉ lehman@tls-tautenburg.de

**Lehmann Marek**

Astron Latitude Observ  
Polish Acad Sciences  
Borowiec  
PL 62 035 Kornik  
Poland  
☎ 48 61 17 0187  
☎ 48 61 17 0219  
✉ marek@cbk.poznan.pl

**Lehnert B P**

Dpt Plasma Physics  
Royal Inst Technology  
SE 100 44 Stockholm 70  
Sweden  
☎ 46 87 87 7763

**Lehtinen Kimmo K**

Helsinki Univ  
Observ  
PO Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 9 1912 2909  
☎ 358 9 1912 2952  
✉ kimmo.lehtinen@helsinki.fi

**Lehto Harry J**

Turku Univ  
Tuorla Observ  
Vaelsiaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 274 4263  
☎ 358 2 243 3767  
✉ hlehto@astro.utu.fi

**Lei Chengming**

Purple Mountain Observ  
2 West Beijing Road  
Nanjing 210008  
China PR  
☎ 86 25 3303 738

**Leibacher John**

NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 325 9302  
☎ 1 520 325 9305  
✉ jleibacher@noao.arizona.edu

**Leibowitz Elia M**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 413 788  
☎ 972 3 640 8179

**Leibundgut Bruno**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6295  
☎ 49 893 200 6480  
✉ bleibundgut@eso.org

**Leighly Karen Marie**

Astronomy Dpt  
Columbia Univ  
538 W 120th St  
New York NY 10027  
USA  
☎ 1 212 854 3927  
☎ 1 212 854 8121  
✉ leighly@postman.riken.go.jp

**Leikin Grigerij A**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
☎ 7 095 230 2081

**Leinert Christoph**

MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 8264  
☎ 49 622 152 8246  
✉ leinert@mpia-hd.mpg.de

**Leisawitz David**

NASA GSFC  
Code 631  
Greenbelt MD 20771  
USA  
☎ 1 301 286 0807  
☎ 1 301 286 1771  
✉ leisawitz@stars.gsfc.nasa.gov

**Leister Nelson Vani**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
☎ 55 11 276 3848  
✉ leister@vax.lagusp.usp.br

**Leite Scheid Paulo**

Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7313  
☎ 55 21 580 0332

**Leitherer Claus**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4425  
☎ 1 410 338 4767  
✉ leitherer@stsci.edu

**Lekht Evueni**

INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
☎ 52 2 247 2231

**Lelievre Gerard**

Observ  
DASGAL  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7714  
☎ 33 1 45 07 7878  
✉ lelievre@obsppm.fr

**Lemaire Jean-louis**

Observ  
DAMAP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7563  
☎ 33 1 45 07 7121  
✉ Jean-Louis.Lemaire@obsppm.fr

**Lemaire Joseph F**

Observ  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0407  
☎ 32 2 374 8423  
✉ jl@oma.be

**Lemaire Philippe**

IAS  
Bt 121  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 85 8622  
☎ 33 1 69 85 8675  
✉ lemaire@iaslab.ias.fr

**Lemaitre Anne**

Dpt Mathematique  
FUNDP  
Rempart de la Vierge 8  
B 5000 Namur  
Belgium  
☎ 32 81 72 4908  
☎ 32 81 72 4914  
✉ alemaitre@math.fundp.ac.be

**Lemaitre Gerard R**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
① 33 4 91 62 1190  
✉ Gerard.Lemaitre@  
observatoire.cnrs-mrs.fr

**Lemke Dietrich**

MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 8259  
① 49 622 152 8246  
✉ lemke@mpia-hd.mpg.de

**Lemke Michael**

Dr Remeis Sternwarte  
Univ Erlangen-Nuernberg  
Sternwartstr 7  
D 96049 Bamberg  
Germany  
☎ 49 951 952 2216  
① 49 951 952 2222  
✉ ai26@a400.sternwarte.  
uni-erlangen.de

**Lena Pierre J**

Observ  
DESPA  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7719  
① 33 1 45 07 7971  
✉ Pierra.Lena@obsppm.fr

**Lenhardt Helmut**

ARI  
Moenchstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 5251  
① 49 622 140 5297  
✉ s29@  
mvs.urz.uni-heidelberg.de

**Lenzen Rainer**

MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 80  
① 49 622 152 8246  
✉ lenzen@mpia-hd.mpg.de

**Leonard Peter James T**

NASA GSFC  
Code 660 1  
Greenbelt MD 20771  
USA  
☎ 1 301 286 7632  
① 1 301 286 1681  
✉ leonard@  
coss.gsfc.nasa.gov

**Leone Francesco**

Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2229  
① 39 095 33 0592  
✉ fleone@astrct.ct.astro.it

**Leorat Jacques**

Observ  
DAEC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7421  
① 33 1 45 07 7123  
✉ Jacques.Leorat@  
obsppm.fr

**Lepine Jacques R D**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 275 3720  
① 55 11 276 3848

**Lepp Stephen H**

Physics Dpt  
Univ Nevada  
4505 S Maryland Parkway  
Las Vegas NV 89154  
USA  
☎ 1 702 739 3653  
① 1 702 739 0804  
✉ lepp@physics.unlv.edu

**Lequeux James**

DEMIRM  
ENS  
24 r Lhomond  
F 75231 Paris Cdx 05  
France  
☎ 33 1 43 29 1215  
① 33 1 40 51 2002  
✉ james.lequeux@obsppm.fr

**Leroy Bernard**

Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7812  
① 33 1 45 07 7959  
✉ Bernard.Leroy@obsppm.fr

**Leroy Jean-Louis**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2929  
① 33 5 61 27 3179  
✉ leroy@obs-mip.fr

**Lesage Alain**

Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7829  
① 33 1 45 07 7878  
✉ Alain.Lesage@obsppm.fr

**Lesch Harald**

Inst Astron/Astrofysik  
Univ Muenchen  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6007  
① 49 89 2180 6003  
✉ lesch@  
usm.uni.muenchen.de

**Leschiutta S**

Inst Elettrotecnico Nazionale  
Galileo Ferraris  
Corso Massimo d'Azeglio 42  
I 10100 Torino  
Italy  
☎ 39 011 556 7235

**Lester Daniel F**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 3442  
① 1 512 471 6016

**Lester John B**

Astronomy Dpt  
Univ Toronto  
Erindale College  
Mississauga ON L5J 1C6  
Canada  
☎ 1 416 828 5356  
① 1 416 828 5328

**Lesteven Soizick**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0747  
① 33 3 88 15 0740  
✉ lesteven@  
astro.u-strasbg.fr

**Lestrade Jean-Francois**

Observ  
ARPEGES  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7601  
① 33 1 45 07 7939  
✉ lestrade@obsppm.fr

**Letfus Vojtech**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 857225  
① 420 288 1611

**Leto Giuseppe**

Osserv Astris di  
Cantnia  
Via Santa SBoxia 78  
I 95123 Catania  
Italy  
☎ 39 095 733 2260  
① 39 095 330592  
✉ gle@ct.astro.it

**Leung Chun Ming**

Physics Dpt  
Rensselaer Polytechn Inst  
Troy NY 12180 3590  
USA  
☎ 1 518 266 6318



**Leung Kam Ching**  
Dpt Phys/Astronomy  
Univ Nebraska  
Behlen Observatory  
Lincoln NE 68588 0111  
USA  
☎ 1 402 472 2770  
📠 1 402 472 2879

**Leushin Valery V**  
Moscou Dept Special  
Astrophysical Observ  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscou  
Russia  
☎ 7 095 234 1780  
📠 7 095 234 1780  
✉ leushin@sao.ru

**Lavasieur-Regourd A.-C.**  
Service Aeronomie  
BP 3  
F 91371 Verrieres Buisson  
France  
☎ 33 1 64 47 4293  
📠 33 1 43 29 8673  
✉ chantal.lavasieur@  
aerov.jussieu.fr

**Levato Orlando Hugo**  
Complejo Astronomico,  
Av. Espana 1512 Sur  
CC 467  
5400 San Juan  
Argentina  
☎ 54 264 421 3653  
📠 54 264 421 3693  
✉ hlevato@casleo.gov.ar

**Levine Randolph H**  
50 Carver Rd  
Newton MA 02161  
USA  
☎ 1 617 965 5953

**Levine Stephen**  
USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 520 779 5132  
📠 1 520 774 3626  
✉ sel@nofs.navy.mil

**Levison Harold F**  
Space Studies Dept  
Southwest Research Institute  
1050 Walnut St. Suite 426  
Boulder CO 80302  
USA  
☎ 1 303 546 0290  
📠 1 303 546 9687  
✉ hal@  
gort.boulder.swri.edu

**Levreault Russell M**  
47 Hooper Farm Road  
Nantucket MA 02554  
USA  
✉ russl@capecod.nt

**Levy Eugene H**  
Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 6962  
📠 1 520 621 4933

**Lewin Walter H G**  
Physics Dpt  
MIT Rm 37 627  
77 Massachusetts Ave  
Cambridge MA 02139 4307  
USA  
☎ 1 617 253 4282  
📠 1 617 253 9798

**Lewis Brian Murray**  
Arecibo Observ  
Box 995  
Arecibo PR 00612  
USA  
☎ 1 809 878 2612  
✉ blewis@naic.edu

**Lewis J S**  
Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 4972  
📠 1 520 621 4933

**Li Chun-Sheng**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 34651\*2882  
📠 86 25 330 2728

**Li Depei**  
Nanjing Astron  
Instrument Factory  
Box 846  
Nanjing  
China PR  
☎ 86 25 46191  
📠 86 25 71 1256

**Li Dongming**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
📠 86 25 301 459

**Li Gi Man**  
Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Li Guangyu**  
Purple Mountain Observ  
Jiangsu  
Nanjing 210008  
China PR  
☎ 86 25 331 5373  
📠 86 25 332 561  
✉ gyl@public1.ptt.js.cn

**Li Guoping**  
Ctr for Astronomy  
Instrumen Res  
CAS  
Nanjing 210042  
China PR  
☎ 86 25 542 1770  
📠 86 25 541 1872

**Li Gyong Won**  
Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Li Hong-Wei**  
JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 7789  
📠 1 303 492 5235

**Li Hui**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 331 7874/443 033  
📠 86 25 330 1459  
✉ lihui@public1.ptt.js.cn

**Li Hyok Ho**  
Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Li Jing**  
Beijing Astron Observ  
CAS  
Chaoyang District  
Beijing 100012  
China PR  
☎ 86 10 6488 8726  
📠 86 10 6487 8240

**Li Jinling**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618  
✉ jll@center.shao.ac.cn

**Li Kejun**  
Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 384 0510  
📠 86 871 717 1845  
✉ ynao@public.km.yn.cn

**Li Linghuai**  
Center for Solar/Space  
Research  
Yale Univ  
260 Whitney Ave  
New Haven CT 06520  
USA  
☎ 1 203 432 3030  
📠 1 203 432 5048  
✉ li@astro.yale.edu

**Li Neng-Yao**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 37609  
📠 86 25 301 459

**Li Qi**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6487 7288  
✉ qili@lamost.bao.ac.cn

**Li Sin Hyong**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Li Son Jae**

Pyongyang Astron Observ  
Acad Sciences DPRK  
Taesong district  
Pyongyang  
Korea DPR  
☎ 850 5 3134/5 & 5 3239

**Li Ting**

Nanjing Astron  
Instrument Factory  
Box 846  
Nanjing  
China PR  
☎ 86 25 46191  
📠 86 25 71 1256

**Li Tipei**

Inst High Energy Phys  
CAS  
Box 918  
Beijing  
China PR  
☎ 86 10 821 3344  
📠 86 10 821 3374

**Li Wei**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6487 7288  
✉ lw@sun10.bao.ac.cn

**Li Xiaoping**

Dpt Physics  
Nanjing Univ  
Nanjing 210097  
China PR  
☎ 86 25 332 6630  
📠 86 25 372 3207  
✉ njxqli@jlonline.com

**Li Xiaoping**

Purple Mountain Observ  
2 West Beijing Road  
Jiangsu  
Nanjing 210008  
China PR  
☎ 86 25 3303 583  
📠 86 25 3301 459  
✉ lixq@pmo.ac.cn

**Li Xinnan**

Bancang Street 188  
Jiangsu  
Nanjing 210042  
China PR  
☎ 86 25 541176 \*2236  
📠 86 25 5405 562  
✉ xnli@nairc.ac.cn

**Li Yan**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 717 2946  
📠 86 871 717 1845  
✉ ynao@public.km.yn.cn

**Li Yuanjie**

Physics Dpt  
Huazhong Normal Univ  
Wuchang  
China PR  
☎ 86 87 0541 7122

**Li Zhengxin**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618  
✉ lzx@center.shao.ac.cn

**Li Zhengxing**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 335 1917  
📠 86 25 330 1459

**Li Zhian**

Astronomy Dpt  
Beijing Normal Univ  
Beijing 100875  
China PR  
☎ 86 1 201 2255\*2618  
📠 86 1 201 3929  
✉ lxf@class1.bao.ac.cn

**Li Zhigang**

Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0430  
📠 86 29 389 0196  
✉ lizg@ms.sxso.ac.cn

**Li Zhiping**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6487 7288  
✉ lizhi@bao.ac.cn

**Li Zhisen**

Beijing Astron Observ  
CAS  
W Suburb  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6488 8704

**Li Zhongyuan**

Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 33 1134  
📠 86 551 33 1760  
✉ lzy@ms.ess.ustc.cn

**Li Zongwei**

Astronomy Dpt  
Beijing Normal Univ  
Beijing 100875  
China PR  
☎ 86 1 201 2288  
📠 86 1 201 3929  
✉ lizw@bnu.edu.cn

**Liang Edison P**

Dpt Phys/Astronomy  
Rice Univ  
Box 1892  
Houston TX 77251 1892  
USA  
☎ 1 713 527 8101\*3524  
📠 1 713 285 5143  
✉ liang@vega.rice.edu

**Liang Shiguang**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618

**Liang Zhonghuan**

Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0430  
📠 86 29 389 0196

**Liao De-chun**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618  
✉ ldc@center.shao.ac.cn

**Liao Xinhao**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 63 7651\*2884  
📠 86 25 330 2728

**Libbrecht Kenneth G**

CALTECH  
MS 264 33  
Big Bear Solar Obs  
Pasadena CA 91125  
USA  
☎ 1 818 866 5791  
📞 1 909 866 4240  
✉ kgl@sundog.caltech.edu

**Liddell U**

NASA Headquarters  
Space Sci/Applications  
600 Independence Av SW  
Washington DC 20546  
USA  
☎ 1 202 358 1409

**Liddle Andrew**

Astronomy Group  
Blackett Laboratory  
Imperial College  
London SW7 2BZ  
UK  
☎ 44 20 7594 7526  
📞 44 20 7594 7541  
✉ e.a.liddle@ic.ac.uk

**Liebert James W**

Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 4513  
📞 1 520 621 1532  
✉ jliebert@as.arizona.edu

**Liebscher Dierck-E**

Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9231  
📞 49 331 749 9309  
✉ deliebscher@aip.de

**Lieske Jay H**

1772 Masters Drive  
Franklin TN 37064  
USA  
☎ 1 615 790 6132  
✉ lieske@aya.yale.gov

**Liffman Kurt**

Fluid Dynamics Lab  
CSIRO/DBCE  
Box 56  
Highett VIC 3190  
Australia

**Likkel Lauren Jones**

Program in Astronomy  
Washington State Univ  
Mathematics Dpt  
Pullman WA 99165 3113  
USA  
☎ 1 509 335 3172  
📞 1 509 335 1188  
✉ likkel@beta.math.wsu.edu

**Lilje Per Vidar Barth**

Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 501  
📞 47 22 856 505  
✉ per.lilje@astro.uio.no

**Liller William**

Inst Isaac Newton  
Casilla 8 9  
Santiago 9  
Chile  
☎ 56 2 217 2013  
📞 56 2 217 2352

**Lilley Edward A**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 3971  
📞 1 617 495 7356

**Lillie Charles F**

TRW Space/Technology  
1 Space Park  
Redondo Beach CA 90278  
USA  
☎ 1 213 812 2248

**Lilly Simon J**

Director General  
Herzberg Institute  
Astrophysics  
5071 West Saanich Rd  
Victoria BC V9E 2E7  
Canada  
☎ 1 250 363 0040  
📞 1 250 363 8483  
✉ simon.lilly@nrc.ca

**Lima Botti Luiz Claudio**

CRAAE INPE  
EPUSP/PTR  
CP 61548  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 815 5936  
📞 55 11 815 6289  
✉ lclbotti@bruspvm

**Lima Jose A S**

Dpt de Fisica  
UFSC  
Caixa Postal 1641  
Natal RN 59072-970  
Brazil  
☎ 55 84 211 9217  
📞 55 84 215 3791  
✉ limajas@dftc.ufrn.br

**Lin Chia C**

Mathematics Dpt  
MIT Rm 2 230  
77 Massachusetts Ave  
Cambridge MA 02139  
USA  
☎ 1 617 253 1796  
📞 1 617 253 4358  
✉ cclin@math.mit.edu

**Lin Douglas N C**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 429 2732  
📞 1 831 426 3115

**Lin Guanqing**

Bancang Street 188  
Jiangsu  
Nanjing 210042  
China PR  
☎ 86 25 5403 258  
📞 86 25 5405 562  
✉ gqlin@nair.ac.cn

**Lin Yuanzhang**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📞 86 10 6488 8704

**Lincoln J Virginia**

2005 Alpine Dr  
Boulder CO 80304  
USA  
☎ 1 303 442 6757

**Lindblad Bertil A**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7000  
📞 46 46 222 4614  
✉ linasu@gemini ldc.lu.se

**Lindblad Per Olof**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 164 446  
📞 46 8 717 4719  
✉ po@astro.su.se

**Linde Peter**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 4701  
📞 46 46 222 4614  
✉ peter@astro.lu.se

**Lindgren Lennart**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7309  
📞 46 46 222 4614  
✉ lennart@astro.lu.se

**Lindgren Harri**

Robinson Crusoe 966  
Dpt 133  
Las Condes  
Santiago  
Chile  
☎ 56 2 201 2492  
✉ harri@astro.nastol.lu.se

**Lindsey Charles Allan**

NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 325 9294  
📞 1 520 325 9278

**Ling Chih-Bing**

Inst Mathematics  
Academia Sinica  
Box 143  
Taipei  
China R

**Ling Josefina F**

Observ  
Ramon Maria Aller  
Avd de Las Ciencias S/n,  
P.O. Box 197  
E Santiago de Compostela  
Spain  
☎ 34 98 159 2747  
☎ 34 98 159 7054  
✉ oafana@usc.es

**Lingenfelter Richard E**

CASS  
UCSD  
C 011  
La Jolla CA 92093 0216  
USA  
☎ 1 619 452 2464  
☎ 1 619 534 2294

**Linke Richard Alan**

8 Anderson Lane  
Princeton NJ 08540  
USA

**Linnell Albert P**

5323 NE 42nd St  
Seattle WA 98105 4910  
USA  
☎ 1 206 522 8319  
✉ linnell@msupa.pa.msu.edu

**Linsky Jeffrey L**

JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 7838  
☎ 1 303 492 5235  
✉ jlinsky@jila.colorado.edu

**Linsley John**

Dpt Phys/Astronomy  
Univ New Mexico  
800 Yale Blvd Ne  
Albuquerque NM 87131  
USA  
☎ 1 505 243 1924

**Lippincott Sarah Lee**

29 Kendal Dr  
Kennett Square  
Kennett Square PA 19348  
2323  
USA  
☎ 1 610 388 1448

**Lipschutz Michael E**

Wetherill Chemistry Bldg  
Purdue Univ  
W Lafayette IN 47907  
USA  
☎ 1 317 494 5326

**Lipunov Vladimir M**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 5006  
☎ 7 095 939 0126  
✉ lipunov@sai.msu.ru

**Liritzis Ioannis**

Res Ctr Astronomy  
Acad Athens  
14 Anagnostopoulou St  
GR 106 73 Athens  
Greece  
☎ 30 1 361 3589  
☎ 30 1 363 1606

**Lis Dariusz C**

CALTECH  
MS 320 47  
Downs Laboratory Physics  
Pasadena CA 91125  
USA  
☎ 1 818 395 6617  
☎ 1 818 796 8806  
✉ dcl@iacos.caltech.edu

**Liseau Rene**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjöbaden  
Sweden  
☎ 46 8 716 4485  
☎ 46 8 717 4719  
✉ rene@astro.su.se

**Lisi Franco**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2289  
☎ 39 055 220 039  
✉ lisi@arcetri.astro.it

**Lissauer Jack J**

NASA ARC  
MS 245 3  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 604 2293  
☎ 1 415 604 6779  
✉ lissauer@ringside.arc.nasa.gov

**Lisse Carey M**

Servicing Mission Office  
STScI  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4395  
☎ 1 410 338 4796  
✉ lisse@stsci.edu

**Liszt Harvey Steven**

NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0344  
☎ 1 434 296 0278  
✉ hlistz@nrao.edu

**Little Leslie T**

Electronics Lab  
Univ Kent  
Canterbury CT2 7NT  
UK  
☎ 44 12 27 668 22  
☎ 44 12 27 456 084

**Little-Marenin Irene R**

Whitin Observ  
Wellesley Coll  
Wellesley MA 02181  
USA  
☎ 1 617 235 5303  
☎ 1 617 283 3667  
✉ ilittle@lucy.wellesley.edu

**Littleton John E**

Physics Dpt  
WV University  
Box 6315  
Morgantown WV 26506  
6315  
USA  
☎ 1 304 293 3498  
✉ jel@wvnxaxa.wvnet.edu

**Litvak Marvin M**

Technology Res Ass  
1525 Espinosa Circle  
Palos Verdes Est CA 90274  
USA

**Litvinenko Leonid N**

Inst Radio Astron  
Ukrainian Acad Science  
4 Chervonopraporna st  
310002 Kharkiv  
Ukraine  
☎ 380 5724 51009  
☎ 380 5724 76506

**Liu Bao-Lin**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 663 4197  
☎ 86 25 330 1459  
✉ bliu@jonline.com

**Liu Caipin**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 42817  
☎ 86 25 301 459

**Liu Ciyan**

Shaaxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0430  
☎ 86 29 389 0196  
✉ pub2@ms.sxso.ac.cn

**Liu Jiming**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
☎ 86 21 6438 4618  
✉ ljm@center.shao.ac.cn

**Liu Lin**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 34651\*2882  
☎ 86 25 330 2728

**Liu Qingyao**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
① 86 871 717 1845

**Liu Qingzhong**

Purple Mountain Observ  
West Beijing Road 2  
Nanjing 210008  
China PR  
☎ 86 25 3317 874  
① 86 25 3307 381  
✉ qzliu@  
mail.pmo.ac.cn

**Liu Sou-Yang**

14959 Dufflet Dr  
Gaithersburg MD 20878  
USA

**Liu Wenzhong**

Astronomy Dpt  
Beijing Normal Univ  
Xin Jie Kou Wai Street 19  
Beijing 100875  
China PR  
☎ 86 10 6220 7844  
① 86 10 6220 6319  
✉ liu123456@  
Chinaren.com

**Liu Xiang**

Urumqi Astron Observ  
CAS  
South Beijing Rd 40, sub-5  
Urumqi, Xinjiang 830011  
China PR  
☎ 86 0991 384 1343  
① 86 0991 383 8628  
✉ liux@ms.xjb.ac.cn

**Liu Xiaowei**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
① 44 171 380 7145  
✉ xwl@star.ucl.ac.uk

**Liu Xinping**

Inst Mechanics  
CAS  
Beijing 100012  
China PR  
☎ 86 1 28 4185  
① 86 1 25 61284

**Liu Yongzhen**

Graduate School  
Univ Sci/Techn  
Box 3908  
Beijing 100039  
China PR  
☎ 86 1 81 7031\*713

**Liu Yuying**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ qifu@cenpoc.net

**Liu Zhong**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 335 7813  
① 86 871 335 8437.  
✉ gfbliu@public.km.yn.cn

**Livingston William C**

NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
① 1 520 325 9278  
✉ wdl@noao.edu

**Livio Mario**

Physics Dpt  
IIT  
Technion City  
Haifa 32000  
Israel  
☎ 972 4 293 549

**Livshits Mikhail A**

ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 334 0120  
① 7 095 334 0124

**Lizano-Soberon Susana**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 548 3712  
✉ lizano@  
alfa.astroscu.unam.mx

**Lloyd Huw**

Astrophysics Group  
Liverpool J M Univ  
Byrom St  
Liverpool L3 3AF  
UK  
☎ 44 151 231 4103  
① 44 151 231 2337  
✉ hml@starul.livjm.ac.uk

**Lloyd Evans Thomas Harry**

SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
① 27 21 447 3639  
✉ tle@nottingham.ac.uk

**Lo Kwok-Yung**

Inst Astron / Astrophysics  
Academia Sinica  
P.O. Box 1-87  
Nankang Taipei 11529  
China R  
☎ 886 2 2652 2020  
① 886 2 2788 1106  
✉ kyl@asiaa.sinica.edu.tw

**Locher Kurt H**

Zuerich University  
Oriental Institute  
Rebrain 39  
CH 8624 Grut  
Switzerland  
☎ 41 1 932 3680  
① 41 1 932 4570  
✉ locher@tommasi.ch

**Lochman Jan**

Astron Inst  
Czech Acad Sci  
Dvorakova 298  
CZ 511 01 Turnov  
Czech Rep  
☎ 420 43 62 2913  
① 420 43 62 2913

**Lochner James Charles**

NASA GSFC  
Code 660 2  
Greenbelt MD 20771  
USA  
☎ 1 301 286 9711  
① 1 301 286 1684  
✉ lochner@  
xeric.gsfc.nasa.gov

**Locke Jack L**

2150 Braeside Ave.  
Ottawa ON K1H 7J5  
Canada

**Lockman Felix J**

NRAO  
Box 2  
Green Bank Wv 24944  
USA  
☎ 1 304 456 2011  
① 1 304 456 2271

**Lockwood G Wesley**

Lowell Observ  
1400 W Mars Hill Rd  
Box 1149  
Flagstaff AZ 86001  
USA  
☎ 1 520 774 3358  
① 1 520 774 6296  
✉ gwl@lowell.edu

**Loden Kerstin R**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 717 0195  
① 46 8 717 4719  
✉ loden\_k@astro.su.se

**Loden Lars Olof**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 717 2095  
① 46 8 717 4719  
✉ lodenl@astro.su.se

**Lofdahl Mats G**

Royal Swedish Academy Sci  
Stockholm Obs  
SE 13336 Saltsjoebaden  
Sweden  
☎ 46 8 16 4480  
① 46 8 16 4228  
✉ mats@astro.su.se

**Loiseau Nora**

ESA  
Apt 50727 Villafranca  
E 28080 Madrid  
Spain  
☎ 34 1 813 1356  
☎ 34 1 813 1139  
✉ nll@vilsp.esa.es

**Lomb Nicholas Ralph**

Sydney Observ  
Museum Appl Arts/Sci  
Box K346  
Haymarket NSW 2000  
Australia

**Lominadze Jumber**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 37 5226  
☎ 995 32 98 7000  
✉ jlomin@parliament.ge

**Long Knox S**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4862  
☎ 1 410 338 5090  
✉ long@stsci.edu

**Longair Malcolm S**

MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 083  
☎ 44 12 23 354 599  
✉ msl@uk.ac.cam.phy.ras

**Longbottom Aaron**

Mathematics Dpt  
Univ St Andrews  
St Andrews North Haugh  
Fife KY16 9SS  
UK  
☎ 44 13 34 463 735  
☎ 44 13 34 463 748  
✉ aaron@dcs.st-and.ac.uk

**Longmore Andrew J**

Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 935 6332  
☎ 1 808 935 6516

**Longo Giuseppe**

Dpt Physics  
Univ d Bologna  
Vian Irnerio 46  
I 40126 Bologna  
Italy  
☎ 39 051 209 1087  
☎ 39 051 247 244  
✉ longo@bo.infn.it

**Lonsdale Carol J**

CALTECH  
MS 100 22  
IPAC  
Pasadena CA 91125  
USA  
☎ 1 818 397 9529  
☎ 1 818 397 9600  
✉ cjl@ipac.caltech.edu

**Lopes Dalton De faria**

Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 781  
☎ 55 21 580 0332

**Lopes-Gautier Rosaly**

CALTECH/JPL  
MS 183 601  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 393 4584  
☎ 1 818 354 0966

**Lopez Carlos**

Observ  
Felix Aguilar  
Av Benavidez 8175 Oeste  
5407 Marquesado (SJ)  
Argentina  
☎ 54 264 423 1467  
☎ 54 264 423 4980  
✉ celopez@unsjf.edu.ar

**Lopez De Coca M D P**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 812 1311  
☎ 34 5 881 4530  
✉ pilar@iaa.es

**Lopez Ericson D**

Parque la Alameda  
Juan Dorado 248 y Jauda  
Quito 02  
Ecuador  
☎ 593 570 765  
☎ 593 567 848  
✉ observaq@uio.satnet.net

**Lopez Garcia Zulema I**

Observ  
Felix Aguilar  
Av Benavidez 8175 Oeste  
5407 Marquesado (SJ)  
Argentina

**Lopez Jose Alberto**

Observ  
UNAM  
Apt 877  
Ensenada BC 22800  
Mexico  
☎ 52 6 174 4593  
☎ 52 6 174 4607  
✉ jal@  
bufadora.astrosen.unam.mx

**Lopez Jose A**

Observ  
Felix Aguilar  
Av Benavidez 8175 Oeste  
5407 Marquesado (SJ)  
Argentina  
☎ 54 264 423 1494  
☎ 54 264 423 4980  
✉ lopez2283@  
infovia.com.ar

**Lopez Rosario**

Dpt Astronomia  
Univ Barcelona  
Avd Diagonal 647  
E 08028 Barcelona  
Spain  
☎ 34 3 402 1127  
☎ 34 3 402 1133  
✉ rosario@mizar.am.ub.es

**Lopez Moratalla Teodoro**

Real Inst Observ  
Cecilio Pujazon s/n  
San Fernando  
E 11110 Cadiz  
Spain  
☎ 34 956 599 369  
☎ 34 956 599 366  
✉ teodoro@roa.es

**Lopez-Arroyo M**

Observ  
Nacional  
Alfonso XII 5  
E 28014 Madrid  
Spain  
☎ 34 1 227 0107

**Lopez-Corredoira Martin**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 60 5200  
☎ 34 922 60 5210  
✉ martinlc@ll.iac.es

**Lopez-Cruz Omar**

INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
☎ 52 2 247 2231  
✉ omar@inaoep.mx

**Lopez-Garcia Francisco**

Observ  
Felix Aguilar  
Av Benavidez 8175 Oeste  
5407 Marquesado (SJ)  
Argentina  
☎ 54 64 23 1494

**Lopez-Gonzalez Maria J**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 958 121 311  
☎ 34 958 814 530

**Lopez-Moreno Jose Juan**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 958 121 311  
☎ 34 958 814 530  
✉ lopez@iaa.es

**Lopez-Puertas Manuel**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 958 121 311  
☎ 34 958 814 530

**Lopez-Valverde M A**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 958 121 311  
☎ 34 958 814 530

**Lord Steven Donald**

IPAC/CALTECH  
MS 100 22  
Pasadena CA 91125  
USA  
☎ 1 626 397 9561  
☎ 1 626 397 9600  
✉ lord@ipac.caltech.edu

**Loren Robert Bruce**

Box 2915  
Silver City NM 88062  
USA

**Lortet Marie-Claire**

Observ  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
✉ lortet@obspm.fr

**Losco Lucette**

Fac des Sciences  
F 25030 Besancon Cdx  
France

**Loskutov Victor**

Astron Inst St Petersburg  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198504 St Petersburg  
Russia  
☎ 7 812 428 4263  
☎ 7 812 428 729  
✉ vml.@astro.spbu.ru

**Lotova Natalia A**

ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 334 0120  
☎ 7 095 334 0124

**Loucif Mohammed**

**Lakhdar**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8049  
☎ 33 1 44 32 8001  
✉ mohal@iap.fr

**Louise Raymond**

Fac des Sciences  
Dpt Physique  
33 r St-leu  
F 80039 Amiens  
France

**Loulergue Michelle**

Observ  
ARPEGES  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7455  
☎ 33 1 45 07 7939  
✉ Michelle.Loulergue@obspm.fr

**Loup Cecile**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8054  
☎ 33 1 44 32 8001  
✉ loup@iap.fr

**Louys Mireille Y**

ENSPS  
Observ Strasbourg  
11 rue de l'Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0762  
☎ 33 3 88 25 0160  
✉ louys@astro.u-strasbg.fr

**Lovas Francis John**

NIST / Optical Tech Div  
100 Bureau Road Stop 8441  
Building 221 Rm B208  
Gaithersburg MD 20899-8441  
USA  
☎ 1 301 975 2385  
☎ 1 301 975 2950  
✉ francis.lova@nist.gov

**Lovas Miklos**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
☎ 36 1 275 4668

**Loveday Johnathan N**

Astronomy Centre  
Univ Sussex  
Falmer  
Brighton BN1 9QJ  
UK  
☎ 44 12 73 877 719  
☎ 44 12 73 677 196  
✉ loveday@star.cpes.sussex.ac.uk

**Lovelace Richard V E**

Applied Phys Dpt  
Cornell Univ  
Clark Hall  
Ithaca NY 14853 6801  
USA  
☎ 1 607 255 3968  
☎ 1 607 255 7658  
✉ rvll@cornell.edu

**Lovell Sir Bernard**

NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
☎ 44 147 757 1618

**Low Boon Chye**

HAO  
NCAR  
Box 3000  
Boulder CO 80307 3000  
USA  
☎ 1 303 497 1553  
☎ 1 303 497 1568

**Low Frank J**

4940 Calle Barril  
Tucson AZ 85718  
USA  
☎ 1 520 299 6350  
☎ 1 520 577 0411  
✉ flow@as.arizona.edu

**Lowe Robert P**

Dpt Phys/Astronomy  
Univ W Ontario  
London ON N6A 3K7  
Canada  
☎ 1 519 661 3929  
☎ 1 519 661 3129  
✉ lowe@canlon.physics.uwo.ca

**Loyola Patricio**

Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
☎ 56 2 229 4002

**Lozinskaya Tat-yana A**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 139 1030  
☎ 7 095 939 0126

**Lozinskij Alexander M**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
☎ 7 095 230 2081

**Lozitskij Vsevolod**

Astron Observ  
Kyiv State Univ  
Observatorna Str 3  
254053 Kyiv  
Ukraine  
☎ 380 4421 63910  
✉ aoku@gluk.apc.org

**Lu Ben ui**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 30 3921  
① 86 25 30 1459

**Lu Chunlin**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 326 0823  
① 86 25 331 1532  
✉ clyl@pmo.ac.cn

**Lu Jufu**

Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 33 1134  
① 86 551 33 1760

**Lu Limin**

2731 Mapleside Lane  
Aurora IL 60504  
USA  
☎ 1 630 820 2286  
① 1 630 979 8851  
✉ limin@lucent.com

**Lu Phillip K**

Dpt Astronomy  
Yale Univ  
P.O. Box 2081001  
New Haven CT 06520 8101  
USA  
☎ 1 203 837 8422  
① 1 203 837 8673  
✉ lu@wcsu.ctstateu.edu

**Lu Ruwei**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
① 86 871 717 1845

**Lu Tan**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 663 7551  
① 86 25 330 7965

**Lu Yang**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 34651\*2882  
① 86 25 330 2728

**Lub Jan**

Sterrwacht Leiden  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5840/5835  
① 31 71 527 5819  
✉ lub@strw.leidenuniv.nl

**Lubowich Donald A**

American Inst Phys  
500 Sunnyside Blvd  
Woodbury NY 11797  
USA  
☎ 1 516 576 2468  
① 1 516 921 4320  
✉ dal@aip.org

**Lucas Robert**

IRAM  
300 r La Piscine  
F 38406 S Martin Heres Cdx  
France  
☎ 33 4 76 82 4942  
① 33 4 76 51 5938  
✉ lucas@iram.fr

**Lucchin Francesco**

Dpt Fisica G Galilei  
Univ d Padova  
Via Marzolo 8  
I 35131 Padova  
Italy  
☎ 39 049 84 4333  
① 39 049 844 245

**Lucey John**

Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 000  
① 44 19 13 743 749

**Luck John M**

AUSLIG  
PO Box 2  
Belconnen ACT 2616  
Australia  
☎ 61 2 6201 4243

**Luck R Earle**

Physics Dpt  
CWRU  
Rock Bdg  
Cleveland OH 44106  
USA  
☎ 1 216 368 6697

**Lucke Peter B**

Dpt Phys/Astronomy  
Mount Union College  
Alliance OH 44601  
USA  
☎ 1 216 821 5320

**Lucy Leon B**

Imperial College Sci, Tech  
Med Astrophysics Group  
Blackett Lab  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7550  
① 44 171 594 7541  
✉ l.lucy@ic.ac.uk

**Ludmany Andras**

Debrecen Heliophys Observ  
Acad Sciences  
Box 30  
HU 4010 Budapest  
Hungary  
☎ 36 5 231 1015  
✉ ludmany@tigris.klte.hu

**Luest Reimar**

Max-Planck Inst fuer  
Meterologie  
Bundesstrasse 55  
D 20146 Hamburg  
Germany  
☎ 49 404 117 3300  
① 49 404 117 3390  
✉ luest@dkrz.d400.de

**Lugger Phyllis M**

Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405  
USA  
☎ 1 812 335 6929  
① 1 812 855 8725

**Lukacevic Ilija S**

Astronomy Dpt  
Univ Belgrade  
Studentski Trg 16  
11000 Beograd  
Yugoslavia FR  
☎ 381 1 163 8715  
① 381 1 163 0151

**Lukash Vladimir N**

Astro Space Ctr  
Lebedev Physical Inst  
PrBoxsojuznaya UI 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 3366  
① 7 095 333 2378  
✉ lukash@dpc.asc.rssi.ru

**Luks Thomas**

Astronomisches Inst  
Ruhr Univ Bochum  
Postfach 102148  
D 44780 Bochum  
Germany  
☎ 49 234 700 5802/6660  
① 49 234 709 4169  
✉ thomas.luks@astro.ruhr-uni-bochum.de

**Luminet Jean-Pierre**

Observ  
DARC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7423  
① 33 1 45 07 7971  
✉ Jean-Pierre.Luminet@obspm.fr

**Lumme Kari A**

Helsinki Univ  
Observ  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 19 12 2910  
① 358 19 12 2952

**Luna Homero G**

IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 221 4 3793  
① 54 221 211 761



**Lund Niels**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 57 16  
📞 45 35 36 24 75 33  
✉ nl@dsri-dk

**Lundquist Charles A**

Res Institute  
Univ Alabama  
Box 209  
Huntsville AL 35899  
USA  
☎ 1 205 895 6100

**Lundqvist Peter**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 716 4489  
📞 46 8 717 4719  
✉ peter@astro.su.se

**Lundstedt Henrik**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7294  
📞 46 46 222 4614  
✉ henrik@astro.lu.se

**Lundstrom Ingemar**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7300  
📞 46 46 222 4614

**Lungu Nicolaie**

Inst Politechnic  
Catedra Matematica  
Ul Emil Isac 15  
RO 3400 Cluj Napoca  
Romania  
☎ 40 64 117 229  
📞 40 64 19 2820

**Luo Dingchang**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📞 86 10 6488 8704

**Luo Dingjiang**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📞 86 10 6487 7288

**Luo Guoquan**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 384 0501  
📞 86 871 717 1845  
✉ luogq@public.km.yn.cn

**Luo Shaoguang**

Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 10 6275 1141  
📞 86 10 6256 4095

**Luo Shi-Fang**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📞 86 21 6438 4618

**Luo Xianhan**

Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 1 22 239

**Lupishko Dmitrij F**

Astron Observ  
Sumskaja Ul 35  
61022 Kharkiv  
Ukraine  
☎ 380 5724 32428  
📞 380 5724 32428  
✉ lupishko@astron.kharkov.ua

**Luri Xavier**

Dpt Astronom Meteo  
Univ Barcelona  
Avd Diagonal 647  
E 08028 Barcelona  
Spain  
☎ 34 3 402 1126  
📞 34 3 402 1133  
✉ xluri@mizar.am.ub.es

**Lustig Guenter**

Inst Astronomie  
Karl-Franzens-Univ  
Universitaetsplatz 5  
A 8010 Graz  
Austria  
☎ 43 316 380 5272  
📞 43 316 384 091  
✉ lustig@bkug.kfunigraz.ac.at

**Luttermoser Donald**

Physics Dpt  
E Tennessee State Univ  
Box 70652  
Johnson City TN 37614  
USA  
☎ 1 423 439 4231  
📞 1 423 439 6905

**Lutz Barry L**

Dpt Phys/Astronomy  
N Arizona Univ  
Box 6010  
Flagstaff AZ 86011 6010  
USA  
☎ 1 520 523 2661  
📞 1 520 523 2626

**Lutz Julie H**

Dpt Astronomy  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 685 9010  
📞 1 206 685 0406  
✉ jlutz@astro.washington.edu

**Luu Jane**

Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5846  
📞 31 71 527 5743  
✉ luu@strw.leidenuniv.nl

**Lynas-Gray Anthony E**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
📞 44 171 380 7145

**Lynch David K**

Aerospace Corp  
MS M2 226  
Box 92957  
Los Angeles CA 90009 2957  
USA  
☎ 1 310 648 6686  
📞 1 310 336 1636

**Lynden-Bell Donald**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 525  
📞 44 12 23 339 910  
✉ dlb@ast.cam.ac.uk

**Lynds Beverly T**

3244 6th St  
Boulder CO 80304, USA  
☎ 1 303 444 7248  
📞 1 303 497 8654  
✉ blynds@unidata.ucar.edu

**Lynds Roger C**

NOAO/KPNO  
Box 26732  
Tucson AZ 85726  
USA  
☎ 1 520 318 8376  
📞 1 520 318 8360  
✉ rlynds@noao.edu

**Lyne Andrew G**

NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
📞 44 147 757 1618

**Lyubimkov Leonid S**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine

☎ 380 6554 71161  
📞 380 6554 40704

**Lyuty Victor M**

Crimean Laboratory  
Sternberg Astron Inst  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
📞 380 6554 40704  
✉ lyuty@sai.crimea.ua

## M

**Ma Chopo**

NASA GSFC  
Code 926  
Greenbelt MD 20771  
USA  
☎ 1 301 614 6101  
① 1 301 614 6099  
✉ cma@virgo.gsfc.nasa.gov

**Ma Chun-yu**

Dpt Phys/Astronomy  
Univ Calgary  
Calgary AL T2N 1N4  
Canada

**Ma Er**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6488 8704  
✉ gma@bao.ac.cn

**Ma Jingyuan**

Purple Mountain Observ  
Academia Sinica  
Nanjing 210008  
China PR  
☎ 86 25 330 2893  
① 86 25 330 0818  
✉ majy@mail.omo.ac.cn

**Ma Jun**

Beijing Astron Observ  
CAS  
Chaoyang  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ majun@vega.bac.pku.edu.cn

**Ma Wenzhang**

Astronomy Dpt  
Beijing Normal Univ  
Beijing 100875  
China PR  
☎ 86 10 6220 9772  
① 86 10 6220 6319  
✉ mwz@bnu.edu.cn

**Ma Xingyuan**

Dpt Geography  
Capital Normal Univ  
Beijing 1000037  
China PR

**Ma Yuehua**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 330 3583  
① 86 25 330 1459  
✉ pmoyt@pub.nj-online.nj.js.cn

**Ma YuQian**

Inst High Energy Phys  
CAS  
Box 918  
Beijing  
China PR  
☎ 86 10 821 3344

**Ma Zhenguo**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ mazg@bao.ac.cn

**Mac Low Mordecai-Mark**

MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 8224  
① 49 622 152 8246  
✉ mordecai@mpia-hd.mpg.de

**Macalpine Gordon M**

Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 734 764 3433  
① 1 734 763 6317  
✉ dario@ifctr.mi.cnr.it

**Maccacaro Tommaso**

Osserv Astronomico  
d Brera  
Via Brera 28  
I 20121 Milano  
Italy  
☎ 39 02 7232 0317  
① 39 02 7200 1600  
✉ tommaso@brera.mi.astro.it

**Maccagni Dario**

IFCTR CNR  
Univ d Milano  
Via E Bassini 15  
I 20133 Milano  
Italy  
☎ 39 02 236 99344  
① 39 02 266 6017  
✉ dario@ifctr.mi.cnr.it

**MacCallum Malcolm A H**

School Mathemat Sci  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 981 9587  
① 44 181 975 5455  
✉ M.A.H.MacCallum@qmw.ac.uk

**Maccarone Maria Concetta**

IFCAI/CNR  
Via Ugo La Malfa 153  
I 90146 Palermo  
Italy  
☎ 39 091 680 9460  
① 39 091 688 2258  
✉ cettina@ifcai.pa.cnr.it

**Macchetto Ferdinando**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4790  
① 1 410 338 2617  
✉ macchetto@stsci.edu

**MacConnell Darrell J**

STScI/CSC  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4800  
① 1 410 338 4767  
✉ macconnell@stsci.edu

**MacDonald Geoffrey H**

Electronics Lab  
Univ Kent  
Canterbury  
Kent CT2 7NT  
UK  
☎ 44 1227 823 707  
① 44 1227 456 084  
✉ ghm@star.ukc.ac.uk

**MacDonald James**

Physics Dpt  
Univ Delaware  
Newark DE 19716  
USA  
☎ 1 302 831 6855  
① 1 302 831 1637

**Maceroni Carla**

Osserv Astronomico  
d Roma  
Via d osservatorio 5  
I 00040 Monteporzio  
Italy  
☎ 39 06 944 8028  
① 39 06 944 7243  
✉ maceroni@astrmp.astro.it

**MacGillivray Harvey T**

Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 673 321  
① 44 13 16 688 356

**Machado Marcos**

CNIE  
Avenida Mitre 3100  
1663 San Miguel (Bs As)  
Argentina  
☎ 54 12 4664 8371

**Machalski Jerzy**  
Astron Observ  
Jagiellonian Univ  
Ul Mazowiecka 36/33  
PL 30 019 Krakow  
Poland

**Maciejewski Andrzej J**  
Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018\*53  
① 48 56 24 602  
✉ maciejka@uni.torun.pl

**Maciel Walter J**  
IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
① 55 11 276 3848  
✉ maciel@  
orion.iagusp.usp.br

**Mack Peter**  
Arizona Guest Observ  
4414 W Plantation St  
Tucson AZ 85741 4034  
USA  
☎ 1 520 579 0698

**MacKay Craig D**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 1223 337 548  
① 44 1223 337 523

**Mackay Duncan H**  
Mathematics Dept  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 1334 463 722  
① 44 1334 462 748  
✉ duncan@  
dcs.st-and.ac.uk

**Mackie Glen**  
Victoria Univ Wellington  
School Chem & Phys  
Sciences  
PO Box 600  
Wellington  
New Zealand  
☎ 64 4 463 5950  
① 64 4 463 5237  
✉ Glen.Mackie@  
vuw.ac.nz

**MacKinnon Alexander L**  
Astronomy Dpt  
Univ Glasgow  
Glasgow G12 8OW  
UK  
☎ 44 14 13 398 855  
① 44 14 13 349 029

**MacLeod John M**  
NRCC/HIA  
100 Sussex Dr  
Ottawa ON K1A 0R6  
Canada  
☎ 1 613 993 6060  
① 1 613 952 6602

**MacQueen Robert M**  
Physics Dpt  
Rhodes College  
2000 N Parkway  
Memphis TN 38112  
USA  
☎ 1 901 726 3000

**Macrae Donald A**  
David Dunlap Observ  
Univ Toronto  
Box 360  
Richmond Hill ON L4C 4y6  
Canada  
☎ 1 416 884 9562  
① 1 416 978 3921  
✉ macrae@  
vela.astro.utoronto.ca

**Macy William Wray**  
151 Melville Av  
Palo Alto CA 94304  
USA

**Madau Piero**  
STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 2622  
① 1 410 338 5085  
✉ madau@stsci.edu

**Madden Suzanne**  
Service Astrophysique  
CEA Saclay  
Orme d Merisiers Bt 709  
F 91190 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 9276  
① 33 1 69 08 6577  
✉ madden@  
discovery.saclay.cea.fr

**Maddison Ronald Ch**  
Physics Dpt  
Univ Keele  
Keele ST5 5BG  
UK  
☎ 44 178 262 1111  
① 44 178 271 1093

**Maddox Stephen**  
School Physics/Astron  
Univ Nottingham  
Nottingham NG7 2RD  
UK  
☎ 44 1159 515 133  
① 44 1159 515 180  
✉ steve.maddox@  
nottingham.ac.uk

**Madej Jerzy**  
Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
① 48 22 29 4967  
✉ jrm@  
alkor.astrouw.edu.pl

**Madore Barry Francis**  
CALTECH  
NASA/IPAC  
MS 100 22  
Pasadena CA 91125  
USA  
☎ 1 818 397 9512  
① 1 626 397 9600  
✉ barry@ipac.caltech.edu

**Madsen Jes**  
Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 86 12 8899  
① 45 86 20 2711

**Maeda Kei-ichi**  
Physics Dpt  
Waseda Univ  
Okubo 3 4 1 Shinjuku-ku  
Tokyo 160  
Japan  
☎ 81 320 34 141

**Maeda Koitiro**  
Physics Dpt  
College Medicine  
Nishinomiya  
Hyogo 663  
Japan  
☎ 81 798 45 6111

**Maeder Andre**  
Observ  
Chemin d Maillettes 51  
CH 1290 Sauverny  
Switzerland  
☎ 41 22 755 2611  
① 41 22 755 3983  
✉ andre.maeder@  
obs.unige.ch

**Maehara Hideo**  
Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 865 44 2155  
① 81 865 44 2360  
✉ maehara@oao.nao.ac.jp

**Maetzer Christian**  
Physikalisches Inst  
Univ Bern  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 654 589

**Maffei Paolo**  
Cattedra Astrisca  
Univ d Perugia  
Via d elce d Sotto  
I 06100 Perugia  
Italy  
☎ 39 075 45 647

**Magain Pierre**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
☎ 32 4 254 7511  
✉ magain@astro.ulg.ac.be

**Magakian Tigran Y**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
☎ 374 88 52 52 3640

**Magalhaes Antonio A S**

Observ  
Univ d Porto  
Monte d Virgem  
P 4400 Vila Nova de gaia  
Portugal  
☎ 351 227 820404  
☎ 351 227 827253

**Magalhaes Antonio Mario**

IAG  
Univ Sao Paulo  
CP 3386  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
☎ 55 11 576 3848  
✉ mario@  
argus.iagusp.usp.br

**Magazzu Antonio**

Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2242  
☎ 39 095 733 0592  
✉ antonio@ct.astro.it

**Maggio Antonio**

Osserv Astronomico  
Univ d Palermo  
Piazza Parlamento 1  
I 90134 Palermo  
Italy  
☎ 39 09 165 18132  
☎ 39 09 1651 7292  
✉ maggio@oapa.astropa.it

**Magnan Christian**

GRAAL  
Univ Montpellier II  
Pl E Bataillon  
F 34095 Montpellier Cdx 5  
France  
☎ 33 4 67 14 3902  
☎ 33 4 67 54 4850  
✉ magnan@  
graal.univ-montp2.fr

**Magnani Loris Alberto**

Dpt Phys/Astronomy  
Univ Georgia  
Athens GA 30602 2451  
USA  
☎ 1 706 542 2876  
☎ 1 706 542 2492  
✉ loris@  
jove.physast.uga.edu

**Magni Gianfranco**

IAS CNR  
Rep Planetologia  
Via d universita 11  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
☎ 39 06 206 60188  
✉ gianfra@ias.rm.cnr.it

**Magnusson Per**

Swedish Ntl Space Board  
Box 4006  
SE 171 04 Solna  
Sweden  
☎ 46 8 627 6492  
☎ 46 8 627 5014  
✉ per.magnusson@  
astro.uu.se

**Magris C Gladis**

CIDA  
Box 264  
Merida 5101 A  
Venezuela  
☎ 58 7 471 2780/3883  
☎ 58 7 471 2459  
✉ magris@cida.ve

**Magun Andreas**

Physikalisches Inst  
Univ Bern  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 658 914

**Maharaj Sunil Dutt**

School Math/Statist Sci  
Univ Natal  
Durban 4041  
South Africa  
☎ 27 2 731 260 1365  
☎ 27 2 731 260 2632  
✉ maharaj@  
scifs1.und.ac.za

**Mahat Rosli H**

Astronomy Dpt  
Univ Malaya  
59100 Kuala Lumpur  
Malaysia

**Maheswaran**

**Murugesapillai**  
Inst Fundament Studies  
380/72 Baudhdhaloka  
Mawatha  
Colombo 7  
Sri Lanka  
☎ 94 1 597538

**Mahmoud Farouk M A B**

NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
☎ 20 62 21 405 297

**Mahra H S**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136/2583

**Mahtessian Abraham P**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 2 283 261  
☎ 374  
✉ amahtes@bao.sci.am

**Maia Marcio R G S**

Dpt de Fisica/CCET  
Univ Fed  
do Rio Grande do Norte  
Natal RN 59072-970  
Brazil  
☎ 55 84 211 9217\*36  
☎ 55 84 215 3791  
✉ mrgm@dfte.ufrn.br

**Maia Marcio A G**

Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 589 6504  
☎ 55 21 580 0332  
✉ maia@on.br

**Maihara Toshinori**

Physics Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 51 2111  
☎ 81 757 53 7010

**Maillard Jean-Pierre**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8139  
☎ 33 1 44 32 8001  
✉ maillard@iap.fr

**Maiolino Roberto**

Osserv Astris Arcetri  
Univ di Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2250  
☎ 39 055 220 039  
✉ maiolino@arcetri.astro.it

**Maitzen Hans M**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 860  
☎ 43 1 427 795 18  
✉ maitzen@  
astro.univie.ac.at

**Majid Abdul Bin A H**

Wisma Mahyuddin Dan Siew  
79 Jalan 1/91 Taman  
Shamelin Perkasa  
Batu 31/2 Jalan Cheras  
55100 Kuala Lumpur  
Malaysia  
☎ 60 03 9831 988  
☎ 60 03 9832 000  
✉ msurver@tm.net.my

**Major John**

Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 111  
① 44 19 13 743 749

**Makarenko Ekaterina N**

Astron Observ  
Odessa State Univ  
Shevchenko Park  
270014 Odessa  
Ukraine  
☎ 380 4822 28442  
① 380 4822 28442

**Makarov Valentine I**

Kislovodsk Station the  
Pulkovo Observ  
357741 Kislovodsk  
Russia  
☎ 7 865 373 3088  
① 7 812 123 1922

**Makarov Valeri**

USNO  
3540 Massachusetts Ave NW  
Washington DC 20392- 5420  
Denmark  
☎ 45 35 32 5966  
① 45 35 32 5989  
✉ makarov@astro.ku.dk

**Makhlouf Amar**

DREAN  
14 r Zighoud Youcef  
Altarf 36  
Algeria  
☎ 213 8 68 0792

**Makino Fumiyo**

Space Utilization Research  
Programme  
NASDA  
2-1-1 Sengen Tsukuba  
Ibaraki 305- 8505  
Japan  
☎ 81 298 52 2761  
① 81 298 50 2233  
✉ makino.fumiyo@  
nasda.go.jp

**Makino Junichiro**

Dpt Info Sci/gra  
Univ Tokyo  
Meguro Ku  
Tokyo 153  
Japan  
☎ 81 334 65 3925  
① 81 334 65 3925  
✉ makino@  
kyohou.c.u-tokyo.ac.jp

**Makishima Kazuo**

Dpt Physics  
Univ Tokyo  
7 3 1 Hongo Bunkyo-ku  
Tokyo 113 0033  
Japan  
☎ 81 346 71 111\*303  
① 81 334 85 2904  
✉ maxima@amalthea.  
phys.s.u-tokyo.ac.jp

**Makita Mitsugu**

Osaka Gakuin Jn College  
2 37 1 Kishibe Minami  
Suita  
Osaka 564  
Japan

**Makoto Inoue**

VSOP Project  
National Astronomical Obs  
Osawa 2 1 1  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3612  
① 81 422 34 3869  
✉ inoue@nro.nao.ac.jp

**Malacara Daniel**

CTIO  
Apdo Postal 948  
Leon GTO 37000  
Mexico  
☎ 52 4 718 4425  
① 52 4 717 5000

**Malagnini Maria Lucia**

DAUT  
Univ Trieste  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9222  
① 39 040 30 9418  
✉ malagnini@ts.astro.it

**Malaise Daniel J**

J / DMO Consulting SA  
r Varin 141  
B 4000 Liege  
Belgium  
☎ 32 4 254 00 34  
✉ dmo@dmo.be

**Malakpur Iradj**

Inst Geophysics  
Univ Tehran  
Kargar Shomali  
Tehran 14394  
Iran  
☎ 98 21 631081/3

**Malaroda Stella M**

Complejo Astronomico  
El Leoncito  
CC 467  
5400 San Juan  
Argentina  
☎ 54 264 421 3653  
✉ malaroda@castec.edu.ar

**Malasan Hakim Luthfi**

Bosscha Observ  
ITB Lembang  
Bandung 40391  
Indonesia  
☎ 62 22 278 6001  
① 62 22 250 9170  
✉ hakim@  
sirius.as.itb.ac.id

**Malawi Abdulrahman**

Astronomy Dpt  
KAAU  
Box 9028  
Jeddah 21413  
Saudi Arabia  
☎ 966 2 687 0571  
① 966 2 687 0571

**Malherbe Jean-Marie**

Observ  
DASOP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7629  
① 33 1 45 07 7959  
✉ malherbe@obsprm.fr

**Malhotra Sageeta**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tuscon AZ 85726 6732  
USA  
☎ 1 520 318 8338  
① 1 520 318 8360  
✉ san@noao.edu

**Malin David F**

AAO  
Box 296  
Epping NSW 2121  
Australia  
☎ 61 2 9372 4800  
① 61 2 9372 4860  
✉ dfm@aaoepp.aao.gov.au

**Malina Roger Frank**

Ctr for EUV Astrophys  
Univ California  
2150 Kittredge St  
Berkeley CA 94720 5030  
USA  
☎ 1 510 643 5636  
① 1 510 643 5660  
✉ rmalina@  
ssl.berkeley.edu

**Malitson Harriet H**

13315 Magellan Av  
Rockville MD 20853  
USA  
☎ 1 301 946 0496

**Malkamaeki Lauri J**

Elson Res Inc  
Box 6356  
Ingwood TX 77325 6356  
USA

**Malkan Matthew Arnold**

Dpt Astronomy  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 825 3404  
① 1 310 206 2096  
✉ malkan@  
bonnie.astro.ucla.edu

**Malkin Zinovy M**  
Lab Space Geodesy / Earth  
Rotation  
Inst Appl Astronomy  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 275 1024  
☎ 7 812 275 1119  
✉ malkin@  
quasar.ipa.nw.ru

**Malkov Oleg Yu**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya st 48  
109017 Moscow  
Russia  
☎ 7 095 953 1702  
☎ 7 095 230 2081  
✉ malkov@inasan.rssi.ru

**Mallia Edward A**  
Dpt Physics  
Univ Malta  
Msida MSD 06  
Malta  
☎ 356 329 08 278  
✉ edward@  
physum.edu.mt

**Mallik D C V**  
IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585/6497  
☎ 91 80 553 4043  
✉ dcvmk@iiap.ernet.in

**Malofeev Valerij M**  
Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia  
☎ 7 096 7734 187  
☎ 7 095 1357 880  
✉ malofeev@  
rasfian.sezpukhov.su

**Maltby Per**  
Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 856 509  
☎ 47 22 856 505

**Malumian Vigen**  
Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
☎ 374 88 52 52 3640  
✉ malumian@  
byruakan.sci.am

**Malville J Mckim**  
APAS  
Univ Colorado  
Campus Box 391  
Boulder CO 80309 0391  
USA  
☎ 1 303 492 8788  
✉ malville@  
spot.colorado.edu

**Malyuto Valeri**  
Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 410 305  
☎ 372 7 410 205  
✉ valeri@aa.ee

**Mamadazimov**  
**Mamadmuso**  
Ulegh Beg Astron Inst  
Uzbek Acad Sci  
Astronomicheskaya Ul 33  
700052 Tashkent  
Uzbekistan  
✉ mazimov@  
astrin.uzsci.net

**Mammano Augusto**  
Osserv Astrisico  
Univ d Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy  
☎ 39 042 446 2665  
☎ 39 042 446 2884

**Mamon Gary A**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8115  
☎ 33 1 44 31 8001  
✉ gam@iap.fr

**Mampaso Antonio**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
☎ 34 2 240 5646/405 501  
✉ amr@iac.es

**Manabe Seiji**  
Intl Latitude Observ  
NAOJ  
Hoshigaoka Mizusawa Shi  
Iwate 023  
Japan  
☎ 81 197 24 7111  
☎ 81 197 22 7120

**Manara Alessandro A**  
Osserv Astronomico  
d Brera  
Via Brera 28  
I 20121 Milano  
Italy  
☎ 39 02 720 23751  
☎ 39 02 720 01600

**Manchado Arturo**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
☎ 34 2 226 3005

**Manchanda R K**  
TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 219 111\*336  
☎ 91 22 495 2110

**Manchester Richard N**  
CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0225  
☎ 61 2 868 0310  
✉ rmanches@atnf.csiro.au

**Mancuso Santi**  
Dpt Scienze Fisiche  
Univ d Napoli  
Mostra D Oltremare Pad 19  
I 80125 Napoli  
Italy  
☎ 39 08 172 53447  
☎ 39 08 161 4508

**Mandel Holger**  
Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9234  
☎ 49 622 150 9202  
✉ hmandel@  
lsw.uni-heidelberg.de

**Mandolesi Nazzareno**  
TeSRE  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 8665  
☎ 39 051 639 9385

**Mandrini Cristina Hemilse**  
IAFE  
CC 67 Suc 28  
1428 Buenos Aires  
Argentina  
☎ 54 11 4781 6755  
☎ 54 11 786 8114  
✉ mandrini@iafe.uba.ar

**Manfroid Jean**  
Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
☎ 32 4 254 7511  
✉ manfroid@  
astro.ulg.ac.be

**Mangeny Andre**  
Observ  
DESPA  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7661  
☎ 33 1 45 07 7971

**Mangum Jeffrey Gary**  
 NRAO  
 Campus Bg 65  
 949 N Cherry Av  
 Tucson AZ 85721 0655  
 USA  
 ☎ 1 520 621 5685  
 ☎ 1 520 621 5554  
 ✉ jmangum@nrao.edu

**Mann Gottfried**  
 Zentrinst Astrophysik  
 Sternwarte Babelsberg  
 An der Sternwarte 16  
 D 14473 Potsdam  
 Germany  
 ☎ 49 331 762225

**Mann Ingrid**  
 ESA/ESTEC  
 SSD  
 Box 299  
 NL 2200 AG Noordwijk  
 Netherlands  
 ☎ 31 71 565 4380  
 ☎ 31 71 565 4697  
 ✉ imann@so.estec.esa.nl

**Mann Patrick J**  
 Dpt Phys/Astronomy  
 Univ W Ontario  
 London ON N6A 3K7  
 Canada  
 ☎ 1 519 661 3183  
 ☎ 1 519 661 3486  
 ✉ 2014-562@uwovax

**Mannheim Karl**  
 Univ Sternwarte  
 Goettingen  
 Geismarlandstr 11  
 D 37083 Goettingen  
 Germany  
 ☎ 49 551 395 050  
 ☎ 49 551 395 043  
 ✉ kmannhe@uni-sw.gwdg.de

**Mannino Giuseppe**  
 Istt Matematico  
 Via Campi 181  
 I 41100 Modena  
 Italy

**Mannucci Filippo**  
 Osserv Astris Arcetri  
 Univ d Firenze  
 Largo E Fermi 5  
 I 50125 Firenze  
 Italy  
 ☎ 39 055 275 2230  
 ☎ 39 055 220 039  
 ✉ filippo@arcetri.astro.it

**Manoharan P K**  
 Radio Astronomy Centre  
 TIFR  
 PO Box 8  
 Udhagamandalam (Ooty)  
 643 001  
 India  
 ☎ 91 423 42 032  
 ☎ 91 423 42 588  
 ✉ mano@racooty.ernet.in

**Manrique Walter T**  
 Observ  
 Felix Aguilar  
 Av Benavidez 8175 Oeste  
 5407 Marquesado (SJ)  
 Argentina  
 ☎ 54 64 23 1494

**Mansfield Victor N**  
 Dpt Phys/Astronomy  
 Colgate Univ  
 Hamilton NY 13346  
 USA  
 ☎ 1 315 824 1000

**Mansouri Reza**  
 Physics Dpt  
 Sharif Univ  
 Box 11365 9161  
 Tehran 11365  
 Iran  
 ☎ 98 21 918 2619  
 ☎ 98 21 601 2983  
 ✉ mansouri@network2.imp.ac.ir

**Mantegazza Luciano**  
 Osserv Astronomico  
 d Milano  
 Via E Bianchi 46  
 I 22055 Merate  
 Italy  
 ☎ 39 09 906 412  
 ☎ 39 09 908 492

**Mao Rui-Qing**  
 Purple Mountain Observ  
 CAS  
 Nanjing 210008  
 China PR  
 ☎ 86 25 332 8253  
 ☎ 86 25 326 0069  
 ✉ rjmao@jets.pmo.ac.cn

**Mao Shude**  
 Jodrell Bank Observ  
 Univ Manchester  
 Macclesfield  
 Cheshire SK11 9DL  
 UK  
 ☎ 44 14 77 571 321  
 ☎ 44 14 77 571 618  
 ✉ smao@jib.man.ac.uk

**Mao Wei**  
 Yunnan Observ  
 CAS  
 Kunming 650011  
 China PR  
 ☎ 86 871 2035  
 ☎ 86 871 717 1845

**Marabini Rodolfo Jose**  
 Observ  
 Paseo d Bosque S/n  
 1900 La Plata (Bs As)  
 Argentina  
 ☎ 54 221 217 308  
 ☎ 54 221 211 761

**Maran Stephen P**  
 NASA GSFC  
 Code 600  
 Greenbelt MD 20771  
 USA  
 ☎ 1 301 286 5154  
 ☎ 1 301 286 1772  
 ✉ hrsmaran@eclair.gsfc.nasa.gov

**Marano Bruno**  
 Dpt Astronomia  
 Univ d Bologna  
 Via Ranzani 1  
 I 40127 Bologna  
 Italy  
 ☎ 39 051 259 301  
 ☎ 39 051 259 407

**Marar T M k**  
 ISRO Satellite Ctr  
 Airport Rd  
 Vimanapura Post  
 Bangalore 560 017  
 India  
 ☎ 91 80 566 251

**Maraschi Laura**  
 IFCTR CNR  
 Univ d Milano  
 Via E Bassini 15  
 I 20133 Milano  
 Italy  
 ☎ 39 02 236 3542  
 ☎ 39 02 266 5753

**Marcaide Juan-Maria**  
 Dpt Astron/Astrofísica  
 Univ Valencia  
 Dr Moliner 50  
 E 46100 Burjassot  
 Spain  
 ☎ 34 6 398 3079  
 ☎ 34 6 398 3084  
 ✉ jmm@vlbi.uv.es

**Marcelin Michel**  
 Observ  
 2 Pl Le Verrier  
 F 13248 Marseille Cdx 04  
 France  
 ☎ 33 4 95 04 4108  
 ☎ 33 4 91 62 1190  
 ✉ Michel.Marcelin@observatoire.cnrs-mrs.fr

**Marchal Christian**  
 Dpt Etudes Synthèse  
 ONERA  
 F 92320 Chatillon ss  
 Bagneux  
 France  
 ☎ 33 1 46 57 1160

**Marcialis Robert**  
 Lunar/Planetary Lab  
 Room 325 Bg 92  
 Univ Arizona  
 Tucson AZ 85721 0092  
 USA  
 ☎ 1 520 327 4827  
 ☎ 1 520 621 4933  
 ✉ umpire@lpl.arizona.edu

**Marconi Alessandro**  
Osserv Astris Arcetri  
Univ di Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2250  
☎ 39 055 220 039  
✉ marconi@arcetri.astro.it

**Mardirossian Fabio**  
Dpt Astronomia  
Univ d Trieste  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 793 921\*221  
☎ 39 040 309 418

**Mardling Rosemary**  
Mathematics Dpt  
Monash Univ  
Clayton 3168  
Australia  
☎ 61 3 9905 4506  
☎ 61 3 9905 3867  
✉ r.mardling@  
2maths.monash.edu.au

**Marek John**  
44 Percy Rd  
Wrexham Clwyd  
UK

**Margon Bruce H**  
STScI  
3700 San Martin Drive  
Baltimore MD 21218  
USA  
☎ 1 410 338 4459  
☎ 1 410 338 2519  
✉ margon@stsci.edu

**Margoni Rino**  
Osserv Astrisico  
Univ d Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy  
☎ 39 042 446 2665  
☎ 39 042 446 2884

**Margrave Jr Thomas Ewing**  
400 Johnson St  
Vienna VA 22180  
USA

**Maria de Garcia J M**  
Dpt Fisica Aplicada  
Ronda de Valencia 3  
E 28012 Madrid  
Spain  
☎ 34 91 336 7686  
☎ 34 91 530 9244  
✉ jmariog@fais.upm.e

**Marie M A**  
Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
☎ 20 2 572 7556

**Marilli Ettore**  
Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2246  
☎ 39 095 733 0592  
✉ emarilli@  
astrct.ct.astro.it

**Marino Brian F**  
156 Queen St  
Northcote  
Auckland 9  
New Zealand

**Maris Georgeta**  
Astron Inst  
Romanian Acad Sci  
Cutitul de Argint 5  
RO 75212 Bucharest  
Romania  
☎ 40 1 335 6892  
☎ 40 1 337 3389  
✉ gmaris@roastro.astro.ro

**Mariska John Thomas**  
NRL  
Code 7673  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 2605  
☎ 1 202 404 7997  
✉ mariska@  
pinoak.nrl.mavy.mil

**Markellos Vassilis V**  
Dpt Eng Science  
Univ Patras  
GR 261 10 Rion  
Greece  
☎ 30 61 99 7572  
☎ 30 61 99 7636

**Markkanen Tapio**  
Helsinki Univ  
Obsrv  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 19 12 2335  
☎ 358 19 12 2952

**Markova Eva**  
Obsrv  
P.O. Box 8  
CZ Upipe 542 32  
Czech Rep  
☎ 420 4 39 88 17 31  
☎ 420 4 39 88 12 89  
✉ markovae@mbox.vol.cz

**Markova Nevjana**  
Ntl Astron Obsrv  
Bulgarian Acad Sci  
Box 136  
BG 4700 Smoljan  
Bulgaria  
☎ 359 3 01 2890  
☎ 359 3 02 1356  
✉ rozhen@  
mbox.dig.sys.bg

**Markworth Norman Lee**  
Dpt Phys/Astronomy  
Stephen F Austin State Un  
Box 13044  
Nacogdoches TX 75962  
USA  
☎ 1 409 468 3001  
☎ 1 409 468 1226  
✉ f\_markwort@  
titan.sfasu.edu

**Marlborough J M**  
Dpt Phys/Astronomy  
Univ W Ontario  
London ON N6A 3K7  
Canada  
☎ 1 519 679 3184  
☎ 1 519 661 3486

**Marmolino Ciro**  
Dpt di Scienze Fisiche  
Univ d Napoli Federico II  
via Cintia I  
I 80126 Napoli  
Italy  
☎ 39 08 167 6496  
☎ 39 08 167 6346  
✉ marmolino@na.infn.it

**Marochnik L S**  
Computer Sciences Corp  
System Sciences Div  
10000 A Areospace Rd  
Lauham Seabrook Ma 20706  
USA  
☎ 1 301 794 1483  
☎ 1 301 459 4482  
✉ leonid@  
cexsels.gsfc.nasa.gov

**Marov Mikhail Ya**  
Keldysh Inst Applied Maths  
Acad Sciences  
Miusskaja Sq 4  
125047 Moscow  
Russia  
☎ 7 095 250 0485  
☎ 7 095 972 0737  
✉ marov@spp.keldysh.ru

**Marques Dos Santos P**  
IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 276 3941  
☎ 55 11 276 3848

**Marques Manuel N**  
OAL  
Tapada d Ajuda  
P 1300 Lisboa 3  
Portugal  
☎ 351 1 363 7351  
☎ 351 1 362 1722

**Marquez Isabel**  
Inst Astrofisica de Andalucia  
C/Camino de Huetor, 24  
E 18008 Granada  
Spain  
☎ 34 958 12 1311  
☎ 34 958 81 45 30  
✉ isabel@iaa.es



**Marr Jonathon M**  
Physics Dept  
Union College  
Schenectady NY 12308  
USA  
☎ 1 518 388 6443  
☎ 1 518 388 6947  
✉ [marrj@union.edu](mailto:marrj@union.edu)

**Marraco Hugo G**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 11 4331 0074  
✉ [hmarraco@fcaglp.fcaglp.unlp.edu.ar](mailto:hmarraco@fcaglp.fcaglp.unlp.edu.ar)

**Marschall Laurence A**  
Physics Dpt  
Gettysburg College  
Gettysburg PA 17325  
USA  
☎ 1 717 337 6026  
☎ 1 717 337 6666  
✉ [marshall@gettysburg.edu](mailto:marshall@gettysburg.edu)

**Marscher Alan Patrick**  
Astronomy Dpt  
Boston Univ  
725 Commonwealth Av  
Boston MA 02215  
USA  
☎ 1 617 353 5029  
☎ 1 617 353 5704

**Marsden Brian G**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7244  
☎ 1 617 495 7231  
✉ [bmarsden@cfa.harvard.edu](mailto:bmarsden@cfa.harvard.edu)

**Marsh Julian C D**  
Hatfield Polytechnic  
Observ  
Bayfordbury  
Hertford Herts SG13 8LD  
UK  
☎ 44 199 255 8451

**Marsh Thomas**  
Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RH  
UK  
☎ 44 186 527 3303  
☎ 44 186 527 3418

**Marshall Herman Lee**  
Ctr for EUV Astrophys  
Univ California  
2150 Kittredge St  
Berkeley CA 94720 5030  
USA  
☎ 1 415 643 5671  
☎ 1 415 643 5660  
✉ [hermanm@ssl.berkeley.edu](mailto:hermanm@ssl.berkeley.edu)

**Marshall Kevin P**  
Medellin Planetarium  
Carrera 52 No 71 177  
Medellin  
Colombia  
☎ 57 233 21 59  
✉ [planetar@educamec.gov.co](mailto:planetar@educamec.gov.co)

**Marsoglu A**  
Univ Observ  
Univ Istanbul  
Univ 34452  
34452 Istanbul  
Turkey  
☎ 90 212 522 3597  
☎ 90 212 519 0834

**Marston Anthony Philip**  
Dpt Phys/Astronomy  
Drake Univ  
Des Moines Ia 50311  
USA  
☎ 1 515 271 3134  
☎ 1 515 271 1943  
✉ [Anthony.Marston@drake.edu](mailto:Anthony.Marston@drake.edu)

**Martens Petrus C**  
ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 6555  
☎ 31 71 565 4690  
✉ [pmartens@soho.esa.estec.nl](mailto:pmartens@soho.esa.estec.nl)

**Martin Anthony R**  
UK Culham Laboratory  
Rm F4/135  
Abingdon OX14 3DB  
UK  
☎ 44 12 35 21840

**Martin Derek H**  
Astrophysics Group  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 181 975 5555  
☎ 44 181 975 5500

**Martin Eduardo**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
☎ 34 2 240 5646/405 501  
✉ [ege@iac.es](mailto:ege@iac.es)

**Martin Francois**  
Dpt Astrophysique  
Universite Nice  
Parc Valrose  
F 06034 Nice Cdx  
France  
☎ 33 4 93 51 9100  
☎ 33 4 93 52 9806

**Martin Inacio Malmonge**  
Univ Estadual Campinas  
Instituto Fisica  
CP 6165  
13083 970 Campinas SP  
Brazil  
☎ 55 192 398 112  
☎ 55 192 393 127  
✉ [martin@ifi.unicamp.br](mailto:martin@ifi.unicamp.br)

**Martin Jean-Michel P**  
Observ  
ARPEGES  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7914  
☎ 33 1 45 07 7939  
✉ [jmmartin@obsppm.fr](mailto:jmmartin@obsppm.fr)

**Martin Maria Cristina**  
IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 221 474 0230  
☎ 54 221 425 4909  
✉ [cmartin@irma.iar.unlp.edu.ar](mailto:cmartin@irma.iar.unlp.edu.ar)

**Martin Peter G**  
Cita McLennan Labs  
Univ Toronto  
60 St George St  
Toronto ON M5A 1A1  
Canada  
☎ 1 416 978 6840  
☎ 1 416 978 3921  
✉ [pgmartin@cita.utoronto.ca](mailto:pgmartin@cita.utoronto.ca)

**Martin Rene Pierre**  
Canada-France-Hawaii  
Telescope  
PO Box 1597  
Kamuela HI 96743  
USA  
☎ 1 808 885 8974  
☎ 1 808 885 7288  
✉ [martin@cfht.hawaii.edu](mailto:martin@cfht.hawaii.edu)

**Martin Robert N**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 1539  
☎ 1 520 621 1532

**Martin William C**  
NIST  
Stop 8401  
Gaithersburg MD 20899-8401  
USA  
☎ 1 301 975 3213  
☎ 1 304 975 4578  
✉ [wmartin@nist.gov](mailto:wmartin@nist.gov)

**Martin-Diaz Carlos**  
IAC  
Technology Div  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 605 351  
☎ 34 922 605 210  
✉ [cmd@i11.iac.es](mailto:cmd@i11.iac.es)

**Martinet Louis**

Observ  
 Chemin d Maillettes 51  
 CH 1290 Sauvigny  
 Switzerland  
 ☎ 41 22 755 2611  
 ☎ 41 22 755 3983  
 ✉ louis.martinet@  
 obs.unige.ch

**Martinez Mario**

Dpt Geisica  
 CIESE  
 Apt 2732  
 Ensenada BC 22860  
 Mexico

**Martinez Peter**

SAAO  
 PO Box 9  
 7935 Observatory  
 South Africa  
 ☎ 27 21 447 0025  
 ☎ 27 21 447 3639  
 ✉ peter@saao.ac.za

**Martinez Pillet Valentin**

IAC  
 Observ d Teide  
 via Lactea s/n  
 E 38200 La Laguna  
 Spain  
 ☎ 34 922 605 200  
 ☎ 34 922 605 237  
 ✉ vmp@iac.es

**Martinez Roger Carlos**

IAC  
 Observ d Teide  
 via Lactea s/n  
 E 38200 La Laguna  
 Spain  
 ☎ 34 922 605 219  
 ☎ 34 922 605 210

**Martinez-Gonzalez E**

Istt Fisica d Cantabria  
 C/o Facultad Ciencias  
 Avda Los Castros s/n  
 E 39005 Santander  
 Spain  
 ☎ 34 4 220 1468  
 ☎ 34 4 220 1402

**Martin-Pintado Jesus**

Ctr Astron d Yebes  
 OAN  
 Apt 148  
 E 19080 Guadalajara  
 Spain  
 ☎ 34 1 122 3358  
 ☎ 34 1 129 0063

**Martins Donald Henry**

Dpt Phys/Astronomy  
 Univ Alaska  
 3221 Uaa Dr  
 Anchorage AK 99508  
 USA  
 ☎ 1 907 786 1238

**Martos Marco A**

Inst Astronomia  
 Apartado Postal 70-264  
 Cuidad Universitaria  
 Mexico DF CP 04510  
 Mexico  
 ☎ 52 56 22 40 18  
 ☎ 52 56 16 06 53  
 ✉ marco@  
 astroscu.unam.mx

**Martres Marie-Josephe**

Observ  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France

**Marvel Kevin B**

AAS  
 2000 Florida Av NW  
 Suite 400  
 Washington DC 20009  
 USA  
 ☎ 1 202 328 2010  
 ☎ 1 202 234 2560  
 ✉ marvel@aas.org

**Marvin Ursula B**

CfA  
 HCO/SAO  
 60 Garden St  
 Cambridge MA 02138 1516  
 USA  
 ☎ 1 617 495 7270  
 ☎ 1 617 495 7356

**Marx Gyorgy**

Dpt Atomic Physics  
 Eotvos Univ  
 Pushkin U 5 7  
 HU 1083 Budapest  
 Hungary  
 ☎ 36 1 187 902  
 ☎ 36 1 118 0206

**Marzari Francesco**

Dpt Fisica G Galilei  
 Univ d Padova  
 Via Marzolo 8  
 I 35131 Padova  
 Italy  
 ☎ 39 049 827 7190  
 ☎ 39 049 827 7102  
 ✉ mazari@pd.infn.it

**Marziani Paolo**

Osserv Astronom  
 Univ d Padova  
 Vic d Osservatorio 5  
 I 35126 Padova  
 Italy  
 ☎ 39 049 829 3415  
 ☎ 39 049 875 9840  
 ✉ marziani@pd.astro.it

**Masai Kuniaki**

Physics Dpt  
 Tokyo Metropol Univ  
 1 1 Minami Ohsawa  
 Hachioji Tokyo 192 03  
 Japan  
 ☎ 81 426 77 2516  
 ☎ 81 426 77 2483  
 ✉ masai@  
 phys.metro-u.ac.jp

**Masani A**

Osserv Astronomico  
 d Brera  
 Via Brera 28  
 I 20100 Milano  
 Italy  
 ☎ 39 02 874 444  
 ☎ 39 02 720 01600

**Masegosa Gallego J**

Inst Astrofisica  
 C/Camino Bajo Huetor, 24  
 Apt 3004  
 E 18080 Granada  
 Spain  
 ☎ 34 958 121311  
 ☎ 34 958 814530  
 ✉ pepa@iaa.es

**Mashed Michael**

Physics Dpt  
 Univ Bristol  
 Tyndall Av  
 Bristol BS8 1TL  
 UK  
 ☎ 44 11 79 288 716  
 ☎ 44 11 79 255 624  
 ✉ mike.mashed@  
 bristol.ac.uk

**Mashonkina Lyudmila**

Astronomy Dpt  
 Kazan State Univ  
 Kremlevskaya Str 18  
 420008 Kazan  
 Russia  
 ☎ 7 843 264 3092  
 ✉ ml@astro.ksu.ras.ru

**Maslennikov Kirill L**

Pulkovo Observ  
 Acad Sciences  
 10 Kutuzov Quay  
 196140 St Petersburg  
 Russia  
 ☎ 7 812 123 4493  
 ☎ 7 812 123 3360  
 ✉ cyrill@pulkovo.spb.ru

**Masowski Jozef**

Astron Observ  
 Krakow Jagiellonian Univ  
 Ul Orla 171  
 PL 30 244 Krakow  
 Poland  
 ☎ 48 12 25 1294  
 ☎ 48 12 25 1318

**Masnou Francoise**

28 All Gambauberie  
 F 91190 Gif s Yvette  
 France

**Masnou Jean-Louis**

Observ  
 DARC  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7427  
 ☎ 33 1 45 07 7971  
 ✉ Jean-Louis.Masnou@  
 obspm.fr

**Mason Brian D**

USNO  
3450 Massachusetts Ave NW  
Washington DC 20392  
USA  
☎ 1 202 762 1412  
📠 1 202 762 1516  
✉ [bdm@draco.usno.navy.mil](mailto:bdm@draco.usno.navy.mil)

**Mason Glenn M**

Physics Dpt  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 6203  
📠 1 301 314 9547  
✉ [mason@sampx3.umd.edu](mailto:mason@sampx3.umd.edu)

**Mason Helen E**

Dpt Appl Maths/Theor Phys  
Silver Street  
Cambridge CB3 9EW  
UK  
☎ 44 12 23 337 98  
📠 44 12 23 337 918

**Mason John William**

51 Orchard Way West  
Barnham  
Bognor Regis  
West Sussex PO22 0HX  
UK  
☎ 44 124 355 3244  
📠 44 124 355 4272

**Mason Keith Owen**

Mullard Space Science Lab  
Univ College London  
Holmbury St Mary  
Dorking Surrey RH5 6NT  
UK  
☎ 44 13 06 702 92  
📠 44 14 83 278 312

**Massa Derck Louis**

Emergent IT  
Code 681  
NASA/GSFC  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5767  
📠 1 301 286 1771  
✉ [derck.massa@gsfc.nasa.gov](mailto:derck.massa@gsfc.nasa.gov)

**Massaglia Silvano**

Istt Fisica  
Univ d Torino  
Corso d Azeglio 46  
I 10125 Torino  
Italy  
☎ 39 011 657 694

**Massaguer Josep**

Dpt Fisica Aplicada  
U P Cataluna  
Campus Nord Ed C3  
E 08034 Barcelona  
Spain  
☎ 34 3 401 6827  
📠 34 3 401 6090  
✉ [massaguer@fa.upc.edu](mailto:massaguer@fa.upc.edu)

**Massevich Alla G**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
📠 7 095 230 2081

**Massey Philip L**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
📠 1 520 325 9360

**Masson Colin R**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7000  
📠 1 617 495 7356

**Masuda Satoshi**

STEL Nagoya Univ  
3-13 Honohara Toyokawa  
Aich  
Nagoya 442  
Japan  
☎ 81 53 389 5186  
📠 81 53 389 5090  
✉ [masuda@stelab.nagoya-u.ac.jp](mailto:masuda@stelab.nagoya-u.ac.jp)

**Matas Vladimir R**

ARI  
Moenchstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 50  
📠 49 622 140 5297

**Matese John J**

Physics Dpt  
USL  
Box 44210  
Lafayette LA 70504 4210  
USA  
☎ 1 318 482 6697  
📠 1 318 482 6699  
✉ [matese@usl.edu](mailto:matese@usl.edu)

**Mather John Cromwell**

NASA GSFC  
Code 685  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8720  
📠 1 301 286 1617  
✉ [mather@stars.gsfc.nasa.gov](mailto:mather@stars.gsfc.nasa.gov)

**Matheson David Nicholas**

Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 821 900  
📠 44 12 35 821 900

**Mathews William G**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 429 2074  
📠 1 831 426 3115

**Mathewson Donald S**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 881 111  
📠 61 262 490 233  
✉ [dsm@mso.anu.edu.au](mailto:dsm@mso.anu.edu.au)

**Mathez Guy**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
📠 33 5 61 27 3179

**Mathieu Robert D**

Astronomy Dpt  
Univ Wisconsin  
475 N Charter St  
Madison WI 53706 1582  
USA  
☎ 1 608 262 5679  
📠 1 608 263 0361  
✉ [mathieu@madraf.astro.wisc.edu](mailto:mathieu@madraf.astro.wisc.edu)

**Mathioudakis Mihalis**

Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3211  
📠 30 1 723 8413  
✉ [mm@rigel.da.uoa.gr](mailto:mm@rigel.da.uoa.gr)

**Mathis John S**

Astronomy Dpt  
Univ Wisconsin  
475 N Charter St  
Madison WI 53706 1582  
USA  
☎ 1 608 262 5994  
📠 1 608 263 6386  
✉ [mathis@astro.wisc.edu](mailto:mathis@astro.wisc.edu)

**Mathur B S**

Ntl Physical Laboratory  
Time/Frequency Section  
Hillside Rd  
New Delhi 110 012  
India  
☎ 91 11 586 168

**Mathys Gautier**

ESO  
Santiago Office  
Casilla 19001  
Santiago 19  
Chile  
☎ 56 2 228 5006  
📠 56 2 228 5132  
✉ [gmathys@eso.org](mailto:gmathys@eso.org)

**Matsakis Demetrios N**  
USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5100  
USA  
☎ 1 202 653 1823  
✉ dnm@  
orion.usno.navy.mil

**Matson Dennis L**  
CALTECH/JPL  
MS 183 501  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 213 354 2984  
① 1 818 393 6030

**Matsuda Takuya**  
Dpt Earth/Planet Sci  
Kobe Univ  
Nada  
Kobe 657 8501  
Japan  
☎ 81 788 81 1212\*4421  
① 81 788 82 1549  
✉ tmatsuda@  
icluna.kobe-u.ac.jp

**Matsuhara Hideo**  
Astrophysics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 527 89 2560  
① 81 527 89 2919  
✉ maruma@  
toyo.phys.nagoya-u.ac.jp

**Matsui Takafumi**  
Dpt Earth/Planet Phy  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 338 12 2111\*4305  
① 81 338 18 3247

**Matsumoto Masamichi**  
Fukui Univ Technology  
3 6 1 Gakuen  
Fukui 910 8505  
Japan  
✉ masm@  
ccmails.fukui-ut.ac.jp

**Matsumoto Ryoji**  
Dpt Phys/Fac Sci  
Chiba Univ  
1 33 Yayoicho Inage Ku  
Chiba 263  
Japan  
☎ 81 43 290 3724  
① 81 43 290 3720  
✉ matumoto@  
c.chiba-u.ac.jp

**Matsumoto Tomoaki**  
Dpt Humanity / Environment  
Hosei Univ  
Fujimi, Chikusa-Ku  
Tokyo 102 8160  
Japan  
☎ 81 332 64 9804  
① 81 3 3264 9663  
✉ matsu@l.hosei.ac.jp

**Matsumoto Toshio**  
ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 51 3911\*2638  
① 81 427 59 4253  
✉ matsumo@  
koala.astro.isas.ac.jp

**Matsumura Masafumi**  
Fac Education  
Kagawa Univ  
Saiwai Cho Takamatsushi  
Kagawa 760  
Japan  
☎ 81 878 61 4141\*400  
① 81 878 34 7144

**Matsuo Hiroshi**  
Advance Techn Ctr  
NAOJ  
2 21 1 Osawa  
Mitaka, Tokyo 181 8588  
Japan  
☎ 81 422 34 3915  
① 81 422 34 3864  
✉ h.matsuo@nao.ac.jp

**Matsuoka Masaru**  
NASDA-SURP  
2 1 1 Sengen  
Tsukuba  
Ibaraki 305 8505  
Japan  
☎ 81 81 298 58 3805  
① 81 81 298 50 2233  
✉ matsuoka.masaru@  
nasda.go.jp

**Matsuura Oscar T**  
Rua Itacema, 199 apto 63  
Itaim Bibi  
04530-050 Sao Paulo SP  
Brazil  
☎ 55 11 275 3720  
① 55 11 276 3848  
✉ oscar@  
orion.iagusp.usp.br

**Matsuura Shuji**  
Infrared Astrophysics  
Div Space Astrophysics  
Inst Space/Astronautical  
Sciences  
Yoshinodai 3-1-1  
Japan  
☎ 81 427 59 8211  
① 81 427 86 7202  
✉ matsuura@  
astro.isas.ac.jp

**Mattei Janet Akyuz**  
AAVSO  
25 Birch St  
Cambridge MA 02138  
USA  
☎ 1 617 354 0484  
① 1 617 354 0665  
✉ jmattei@aaavso.org

**Matteucci Francesca**  
Dpt di Astronomia  
Univ de Trieste  
Via Tiepolo 11  
I 34100 Trieste  
Italy  
☎ 39 040 319 9111  
① 39 040 3094 18  
✉ francesca@  
mizar.ap.sissa.it

**Matthews Clifford**  
1010 Twelfth  
Wilamette IL 60091  
USA  
☎ 1 312 996 3161  
① 1 312 996 0431

**Matthews Henry E**  
Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 961 3756  
① 1 808 961 6516

**Matthews Jaymie**  
Dpt Geophys/Astronomy  
UBC  
2075 Wesbrook Pl  
Vancouver BC V6T 1Z4  
Canada  
☎ 1 250 822 2696/2267  
① 1 250 822 6047  
✉ matthews@astro.ubc.ca

**Matthews Thomas A**  
Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 454 6650  
① 1 301 314 9067

**Mattig W**  
Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 328 64  
① 49 761 319 8111

**Mattila Kalevi**  
Helsinki Univ  
Observ  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 19 12 2947  
① 358 19 12 2952  
✉ kalevi.mattila@  
helsinki.fi

**Mattox John**  
Astronomy Dpt  
Boston Univ  
725 Commonwealth Av  
Boston MA 02215  
USA  
☎ 1 617 353 5354  
① 1 617 353 5704  
✉ mattox@bu.edu

**Matveenko Leonid I**  
Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 3122  
📞 7 095 310 7023  
✉ lmatveen@iki.rssi.ru

**Matz Steven Micheal**  
Dearborn Observ  
NW Univ  
2131 Sheridan Rd  
Evanston IL 60208 3112  
USA  
☎ 1 847 491 8643  
📞 1 847 491 3135  
✉ matz@  
ossenu.astro.nwu.edu

**Matzner Richard A**  
Dpt Physics  
Univ Texas  
MC 1600  
Austin TX 78712  
USA  
☎ 1 512 471 0890  
📞 1 512 471 6016  
✉ richard@  
helmholtz.ph.utexas.edu

**Maus Pablo**  
IAFE  
CC 67 Suc 28  
1428 Buenos Aires  
Argentina  
☎ 54 11 4781 6755  
📞 54 11 4786 8114  
✉ pablo@iafe.uba.ar

**Mauche Christopher W**  
LLNL  
L 41  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 422 7017  
📞 1 415 423 7228  
✉ mauche@llnl.gov

**Maucherat J**  
LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5900  
📞 33 4 91 66 1855  
✉ Jean.Maucherat@  
astrsp-mrs.fr

**Mauder Horst**  
Astronomisches Inst  
Univ Tuebingen  
Waldhauserstr 64  
D 72076 Tuebingen  
Germany  
☎ 49 707 129 2486  
📞 49 707 129 3458

**Mauersberger Rainer**  
IRAM  
Avd Divina Pastora 7 NC  
E 18012 Granada  
Spain  
☎ 34 958 228 899  
📞 34 958 222 363  
✉ mauers@iram.es

**Maurice Eric N**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4181  
📞 33 4 91 62 1190  
✉ maurice@  
observatoire.cnrs-mrs.fr

**Maurogordato Sophie**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 31 50  
📞 33 4 92 00 3033  
✉ maurogordato@  
obs-nice.fr

**Mauron Nicolas**  
GRAAL  
Univ Montpellier II  
Pl E Bataillon  
F 34095 Montpellier Cdx 5  
France  
☎ 33 4 67 14 3567  
📞 33 4 67 14 4535

**Maury Alain J**  
OCA  
Route de l'Observatoire  
F 06460 Caussols  
France  
☎ 33 4 93 40 5434  
📞 33 4 93 40 5433  
✉ maury@obs-azur.fr

**Mavraganis A G**  
Dpt Eng/Sect Mech  
Ntl Techn Univ/5 Heroes  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 643 3170  
📞 30 1 723 5122

**Mavrides Stamatia**  
Observ  
DESPA  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7597  
📞 33 1 45 07 7971

**Mavridis L N**  
Dpt Geodesy/Astron  
Univ Thessaloniki  
Univ 503  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 82 4077  
📞 30 31 82 4273  
✉ mavridis@eng.auth.gr

**Mavromichalaki Helen**  
Dpt Physics/Univ  
Nuclear Physics Section  
104 Solonos St  
GR 106 80 Athens  
Greece  
☎ 30 1 363 9439

**Max Claire E**  
LLNL  
L 413  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 422 5442  
📞 1 415 423 0238  
✉ max1@llnl.gov

**Maxwell Alan**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 9059  
📞 1 617 495 7356

**May J**  
Observ  
Univ Chile  
Casilla 68  
Santiago  
Chile  
☎ 56 2 229 4101

**Mayer Cornell H**  
1209 Villamay Blvd  
Alexandria VA 22307  
USA

**Mayer Pavel**  
Astron Inst  
Charles Univ  
V Holesovickack 2  
CZ 180 00 Praha 8  
Czech Rep  
☎ 420 2 2191 2572  
📞 420 2 6885 095  
✉ mayer@mbox.cesnet.cz

**Mayfield Earle B**  
Californian Polytechnic  
State Univ  
1427 Bayview Heights Dr  
Los Osos CA 93403  
USA  
☎ 1 213 528 5231

**Mayor Michel**  
Observ  
Chemin d Maillettes 51  
CH 1290 Sauverny  
Switzerland  
☎ 41 22 755 2611  
📞 41 22 755 3983  
✉ michel.mayor@  
obs.unige.ch

**Mayya Divakara**  
INAOE  
Tonantzintla C.P. 72840  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
📞 52 2 247 2231  
✉ ydm@inaoep.mx

**Maza Jose**

Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
📠 56 2 229 4002

**Mazeh Tsevi**

Wise Observ  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 640 8729  
📠 972 3 640 8149  
✉ mazeh@wise7.tau.ac.il

**Mazure Alain**

LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5902  
📠 33 4 91 66 1855  
✉ amazure@astrsp-mrs.fr

**Mazurek Thaddeus John**

6920 Av Rotella  
San Jose CA 95139  
USA

**Mazzitelli Italo**

IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
📠 39 06 206 60188  
✉ natali@ias.rm.cnr.it

**Mazzoni Massimo**

Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
📠 39 055 220 039  
✉ mazzoni@arcetri.astro.it

**Mazzucconi Fabrizio**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2250  
📠 39 055 220 039  
✉ mazzucconi@arcetri.astro.it

**McAdam W Bruce**

School Physics  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 692 2222  
📠 61 2 660 2903

**McAlister Harold A**

CHARA  
Georgia State Univ  
Atlanta GA 30303  
USA  
☎ 1 404 651 2932  
📠 1 404 651 1389  
✉ hal@chara.gsu.edu

**McBreen Brian Philip**

Physics Dpt  
Univ College  
Belfield  
Dublin 4  
Ireland  
☎ 353 1 706 2218  
📠 353 1 283 7275  
✉ bmcmbreen@ollamh.ucd.ie

**McCabe Marie K**

1617 S Beretania St 801  
Honolulu HI 96826  
USA  
☎ 1 808 956 0923  
📠 1 808 988 2790

**McCall Marshall Lester**

Physics Dpt  
York Univ  
4700 Keele St  
North York ON M3J 1P3  
Canada  
☎ 1 416 736 2100  
📠 1 416 736 5386

**McCammon Dan**

Physics Dpt  
Univ Wisconsin  
1150 Univ Av  
Madison WI 53706  
USA  
☎ 1 608 262 5916  
📠 1 608 262 3077

**McCarroll Ronald**

Univ Bordeaux  
Lab Astrophysique  
123 r Lamartine  
F 33405 Talence  
France  
☎ 33 5 56 86 4330  
📠 33 5 56 40 4251

**McCarthy Dennis D**

USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5100  
USA  
☎ 1 202 762 1627  
📠 1 202 652 0587  
✉ dmc@maia.usno.navy.mil

**McClain Edward F**

4133 Maple Rd  
Morningside MD 20746  
USA  
☎ 1 301 736 8933

**McClintock Jeffrey E**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7136  
📠 1 617 495 7356

**McClure Robert D**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 388 0230  
📠 1 250 363 0045  
✉ robert.mcclure@hia.nrc.ca

**McCluskey Jr George E**

Astronomy Div/Maths Dpt  
Leigh Univ  
14 East Packer Av  
Bethlehem PA 18015  
USA  
☎ 1 215 861 3721  
✉ cgm0@lehigh.edu

**McConnell David**

CSIRO  
ATNF  
Locked Bag 194  
Narrabri NSW 2390  
Australia  
☎ 61 67 904 000  
📠 61 67 904 090  
✉ dmconne@atnf.csiro.au

**McCord Thomas B**

Inst Geophysics  
Univ Hawaii  
2525 Correa Rd  
Honolulu HI 96822  
USA  
☎ 1 808 956 6488  
📠 1 808 988 2790

**McCray Richard**

JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 7835  
📠 1 303 492 5235  
✉ dick@jila.colorado.edu

**McCrosky Richard E**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7212  
📠 1 617 495 7356

**McCulloch Peter M**

Physics Dpt  
Univ Tasmania  
GPO Box 252c  
Hobart TAS 7001  
Australia  
☎ 61 2 202 420  
📠 61 2 202 410

**McCutcheon William H**  
Physics Dpt  
UBC  
2075 Westbrook Pl  
Vancouver BC V6T 2A6  
Canada  
☎ 1 604 228 3853  
① 1 604 228 5324

**McDonald Frank B**  
Inst Physical Sci/Tech  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 4874  
① 1 301 314 9363

**McDonald J K Petrie**  
768 Richmond Av  
Victoria BC V8S 3Z1  
Canada  
☎ 1 250 592 6880

**McDonnell J A M**  
Unit for Space Sci  
Univ Kent  
Canterbury CT2 7NR  
UK  
☎ 44 12 27 459 616  
① 44 12 27 762 616

**McDonough Thomas R**  
CALTECH  
500 S Oak Knoll No 46  
Pasadena CA 91101  
USA  
☎ 1 818 795 0147

**McElroy M B**  
Dpt Earth/Planet Sci  
Harvard Univ MS 46  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7100  
① 1 617 495 7356

**McFadden Lucy Ann**  
Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 454 6650  
① 1 301 314 9067

**McGaugh Stacy Sutton**  
Dpt Astronomy  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 7897  
① 1 301 314 9067  
✉ ssm@astro.umd.edu

**McGee Richard X**  
CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
① 61 2 868 0310

**McGimsey Jr Ben Q**  
Dpt Phys/Astronomy  
Georgia State Univ  
Atlanta GA 30303 3083  
USA  
☎ 1 404 658 2279  
① 1 404 542 2492

**McGrath Melissa Ann**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4545  
① 1 410 338 4767  
✉ mcgrath@stsci.edu

**McGraw John T**  
Dpt Phys/Astronomy  
Univ New Mexico  
800 Yale Blvd NE  
Albuquerque NM 87131  
USA  
☎ 1 505 277 2705  
① 1 505 277 1520  
✉ jmcgraw@as.unm.edu

**McGregor Peter John**  
MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 79 80 33  
① 61 262 49 02 33  
✉ peter@mso.anu.edu.au

**McHardy Ian Michael**  
Physics Dpt  
Southampton Univ  
Astro/Space Physics Gp  
Southampton SO9 5NH  
UK  
☎ 44 170 359 2079  
① 44 170 358 5813

**McIntosh Bruce A**  
1007 655 Windemere Rd  
London ON N5X 2W8  
Canada  
✉ bruce\_mcintosh@  
sympatico.ca

**McIntosh Patrick S**  
NOAA ERL R/E/SE3  
Space Environment Lab  
325 Broadway  
Boulder CO 80303  
USA  
☎ 1 303 497 3795

**McKee Christopher F**  
Physics Dpt  
Univ California  
366 LeConte Hall  
Berkeley CA 94720  
USA  
☎ 1 510 642 0805  
① 1 510 642 3411

**McKeith Niall Enda**  
Physics Dpt  
St Patrick's College  
Maynooth  
Maynooth Co Kildare  
Ireland  
☎ 353 1 285 222

**McKenna Lawlor Susan**  
Physics Dpt  
St Patrick's College  
Maynooth  
Maynooth Co Kildare  
Ireland  
☎ 353 1 285 222

**McKinnon William Beall**  
Dpt Earth/Planet Sci  
Washington Univ  
Campus Box 1105  
St Louis MO 63130  
USA  
☎ 1 314 935 5604  
① 1 314 935 7361  
✉ mckinnon@  
wunder.wustl.edu

**McLaren Robert A**  
Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 8768  
① 1 808 946 3467  
✉ mclaren@ifa.hawaii.edu

**McLean Brian J**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4900  
① 1 410 338 4767  
✉ mclean@stsci.edu

**McLean Donald J**  
CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
① 61 2 868 0310  
✉ dmclean@rp.csiro.au

**McLean Ian S**  
Dpt Astronomy  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 825 1140  
① 1 310 206 2096  
✉ mclean@  
bonnie.astro.ucla.edu

**McMahan Robert Kenneth**  
Dpt Phys/Astronomy  
Univ North Carolina  
204 Phillips Hall 039a  
Chapel Hill NC 27599 3255  
USA  
☎ 1 919 962 7168  
① 1 919 962 0480

**McMahon Richard**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523  
✉ rgm@mail.ast.cam.ac.uk

**McMillan Robert S**  
Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 6968  
☎ 1 520 621 1940  
✉ bob@jpl.arizona.edu

**McMullan Dennis**  
MP Group  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 274  
☎ 44 12 23 363 263  
✉ dennis@  
mcmullan.demon.co.uk

**McNally Derek**  
UCLO  
ULO  
Mill Hill Park  
London NW7 2QS  
UK  
☎ 44 208 959 0421  
☎ 44 208 906 4161  
✉ dmn@star.herts.ac.uk

**McNamara D H**  
Dpt Phys/Astronomy  
Brigham Young Univ  
Provo Ut 84602  
USA  
☎ 1 801 378 2298  
✉ mcnamara@byu.edu

**McNaught Robert H**  
AAO  
Box 650  
Coonabarabran NSW 2357  
Australia  
☎ 61 68 426 269  
☎ 61 68 842 298  
✉ rmn@  
aaoebn2.aao.gov.au

**McWhirter R W Peter**  
Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 446 424  
☎ 44 12 35 445 808

**Meaburn John**  
Astronomy Dpt  
Univ Manchester  
Oxford Rd  
Manchester M13 9PL  
UK  
☎ 44 161 275 4224  
☎ 44 161 275 4223

**Mead Jaylee Montague**  
2700 Virginia Av NW  
Apt 701  
Washington DC 20037  
USA  
☎ 1 202 338 0208  
☎ 1 202 338 4407  
✉ jmead@  
blackhole.aas.org

**Meadows A Jack**  
Dpt Information Science  
Loughborough Univ  
Loughborough  
Leics LE11 3TU  
UK  
☎ 44 1509 223 053  
✉ a.j.meadows@  
lboro.ac.uk

**Meatheringham Stephen**  
37 / 60 Henty Street  
Braddon ACT 2612  
Australia  
☎ 61 2 62 68 8142  
☎ 61 2 62 68 8150  
✉ stephen.  
meatheringham  
@adfa.edu.au

**Mebold Ulrich**  
RAIUB  
Univ Bonn  
auf d Huegel 71  
D 53121 Bonn  
Germany  
☎ 49 228 73 3658  
☎ 49 228 73 3672

**Mediavilla Evencio**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 605200  
☎ 34 922 605210  
✉ emg@iac.es

**Medina Jose**  
Dpt Fisica  
Univ Alcalá  
Apt 20  
E 28800 Alcalá d Henares  
Spain  
☎ 34 1 885 4940  
☎ 34 1 885 4953

**Medina Tanco Gustavo A**  
Inst Astronomico e Geisico  
Univ de Sao Paulo  
av Miguel Stephano 4200  
Sao Paulo SP 04301-904  
Brazil  
☎ 55 11 577 8599  
☎ 55 11 577 0270  
✉ gustavo@iagusp.usp.br

**Medvedev Yuriy D**  
Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 275 1064  
☎ 7 812 272 7968  
✉ medvedev@ita.spb.ru

**Meech Karen**  
Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 6828  
☎ 1 808 988 2790  
✉ meech@ifh.hawaii.edu

**Meeks M Littleton**  
Meeks Associates Inc  
Box 643  
Lincoln MA 01773  
USA  
☎ 1 617 259 0093

**Meerson Baruch**  
Racah Inst Phys  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel  
☎ 972 2 584 470  
☎ 972 2 61 1519  
✉ meerson@hujivms

**Megessier Claude**  
Observ  
DASGAL  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7862  
☎ 33 1 45 07 7878  
✉ Claude.Megessier@  
obspm.fr

**Megevand Denis**  
Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
☎ 41 22 755 3983  
✉ denis.megevand@  
obs.unige.ch

**Mehringer David Michael**  
CALTECH  
MC 320 47  
Pasadena CA 91125  
USA  
☎ 1 818 395 6610  
☎ 1 818 796 8806  
✉ dmehring@  
socrates.caltech.edu

**Meidav Meir**  
School Education  
Tel Aviv Univ  
Tel Aviv 69978  
Israel  
☎ 972 3 640 8181  
☎ 972 3 640 5068  
✉ meidavm@post.tau.ac.il

**Meier David L**  
CALTECH/JPL  
238 332 JPL  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 5062  
☎ 1 818 393 6890  
✉ dlm@cena.jpl.nasa.gov

**Meier Robert R**  
NRL  
Code 7640  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 2773



**Meikle William P S**

Astrophysics Gr  
Imperial Coll  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7551  
☎ 44 171 594 7541  
✉ p.meikle@ic.ac.uk

**Meiksin Avery Abraham**

Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 688 355  
☎ 44 13 16 688 416  
✉ A.Meiksin@roe.ac.uk

**Mein Nicole**

Observ  
DASOP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7801  
☎ 33 1 45 07 7959  
✉ Nicole.Mein@obspm.fr

**Mein Pierre**

Observ  
DASOP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7801  
☎ 33 1 45 07 7959  
✉ meinp@obspm.fr

**Meinig Manfred**

Potsdamer Allee 98  
D 14532 Stahnsdorf  
Germany  
☎ 49 3229 610 355  
✉ manfred.meinig@t-online.de

**Meintjes Petrus J**

Physics Dept  
Univ Free State  
PO Box 103  
9300 Bloemfontein  
South Africa  
☎ 27 051 401 2191  
☎ 27 051 401 3507  
✉ meintp@fsk.uovs.ac.za

**Meire Raphael**

Wang Europe  
Weidestr 11  
B 9950 Evergem  
Belgium  
☎ 32 9 253 8755  
☎ 32 2 714 2177  
✉ rmeire@be.wang.com

**Meisel David D**

Dpt Physics / Astron  
SUNY  
Greene 135 A  
Geneseo NY 14454  
USA  
✉ meisel@uno.cc.geneseo.edu

**Meisenheimer Klaus**

MPI Astronomie  
Koenigstuhl 17  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 8206  
☎ 49 622 152 8246  
✉ meise@m pia-hd.mpg.de

**Meistas Edmundas G**

Kalvariju 20-8  
LT 2005 Vilnius  
Lithuania  
☎ 370 2 750 945  
☎ 370 2 635 648  
✉ edmund@ktl.mii.lt  
✉ edmund@phys.uit.no

**Meister Claudia Veronika**

Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Postdam  
Germany  
☎ 49 7499 327  
✉ cvmeister@aip.de

**Mekarnia Djamel**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3161  
☎ 33 4 92 00 3033  
✉ mekarnia@obs-nice.fr

**Mekler Yuri**

Dpt Geophys/Planet Sci  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 641 3505  
☎ 972 3 640 9282

**Melbourne William G**

CALTECH/JPL  
MS 238 540  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 5071  
☎ 1 818 393 6030  
✉ ren@logos.jpl.nasa.gov

**Melchior Paul J**

Observ  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0267  
☎ 32 2 374 9822  
✉ paul.Melchior@oma.be

**Melia Fulvio**

Dpt Phys/Astronomy  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 9651  
☎ 1 520 621 5698  
✉ melia@spacetime.physics.arizona.edu

**Meliani Mara T**

Av dos Astronautas 1758  
Jdim da Granja CP 515  
San Jose dos Campos SP  
12201-970  
Brazil  
☎ 55 12 345 6737  
☎ 55 12 345 6750  
✉ meliani@das.inpe.br

**Melik-Alaverdian Yu**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
☎ 374 88 52 52 3640

**Melikian Norair D**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
☎ 374 88 52 52 3640  
✉ byurakan@adonis.ias.msk.su

**Melita Mario D**

Dpto Mecanica Celeste  
FCAG  
Paseo del Bosque s/n  
La Plata 1900 (Bs A)  
Argentina  
☎ 54 221 421 7308  
☎ 54 221 421 1761  
✉ melita@fcaglp.unlp.edu.ar

**Mellema Garret**

Leiden Univ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5738  
☎ 31 71 527 5819  
✉ mellema@strw.leidenuniv.nl

**Mellier Yannick**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8140  
☎ 33 1 44 32 8001  
✉ mellier@iap.fr

**Melnick Gary J**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138-1516,  
USA  
☎ 1 617 495 7388  
☎ 1 617 495 7356  
✉ melnick@cfa.harvard.edu

**Melnick Jorge**

Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
☎ 56 2 229 4002

**Melott Adrian L**  
Dpt Phys/Astronomy  
Univ Kansas  
Lawrence KS 66045  
USA  
☎ 1 913 864 4626  
📠 1 913 864 5262

**Melrose Donald B**  
School Physics  
Univ Sydney  
NSW 2006  
Australia  
☎ 61 2 9351 4234  
📠 61 2 9351 7726  
✉ melrose@physics.usyd.edu.au

**Men A V**  
Inst Radio Astron  
Ukrainian Acad Science  
4 Chervonopraporna st  
310085 Kharkiv  
Ukraine

**Mendes Da Costa Aracy**  
CRAAE INPE  
EPUSP/PTR  
CP 61548  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 815 5936  
📠 55 11 815 6289

**Mendes Luiz T**  
Rua Herculano de Freitas  
1526  
apto 1001  
Belo Horizonte MG 30430  
120  
Brazil  
☎ 55 31 334 4548  
📠 55 31 499 5600  
✉ luizt@fisica.ufmg.br

**Mendes de Oliveira Claudia**  
IAG/USP  
Miguel Stefano 4200  
Agua Funda  
04301 904 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
📠 55 11 577 0270  
✉ oliveira@iagusp.usp.br

**Mendez Manuel**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📠 52 5 616 0653

**Mendez Mariano**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 216 357  
📠 54 221 211 761  
✉ mmendez@fcaglp.edu.ar

**Mendez Roberto H**  
Inst Astron/Astrofysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6034  
📠 49 89 2180 6003  
✉ mendez@usm.uni-muenchen.de

**Mendis Devamitta Asoka**  
EECS  
UCSD  
La Jolla CA 92093 0216  
USA  
☎ 1 619 452 2719

**Mendoza Claudio**  
IBM Venezuela Scient Ctr  
Box 388  
Caracas 1010 A  
Venezuela  
☎ 58 2 908 8697

**Mendoza V Eugenio E**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📠 52 5 616 0653

**Mendoza-Torres Jose-Eduardo**  
INAOE  
Tonantzintla  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico  
☎ 52 2 247 2011  
📠 52 2 247 2231

**Meneguzzi Maurice M**  
DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 4438  
📠 33 1 69 08 6577

**Meng Xinmin**  
Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
📠 86 871 717 1845

**Mennella Vito**  
Osserv d Capodimonte  
Via Moiariello 16  
I 80131 Napoli  
Italy  
☎ 39 08 129 8384  
📠 39 08 145 6710  
✉ mennella@astrna.na.astro.it

**Mennessier Marie-Odile**  
GRAAL  
Univ Montpellier II  
Pl E Bataillon  
F 34095 Montpellier Cdx 5  
France  
☎ 33 4 67 52 3548  
📠 33 4 67 14 4534  
✉ menes@graal.univ-montp2.fr

**Menon T K**  
Dpt Geophys/Astronomy  
UBC  
2219 Main Mall  
Vancouver BC V6T 1Z4  
Canada  
☎ 1 604 822 2267  
📠 1 604 822 6047  
✉ menon@astro.ubc.ca

**Menten Karl M**  
MPIfr  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 297  
📠 49 228 525 435  
✉ kmenten@mpifr-bonn.mpg.de

**Mentese Huseyin**  
Univ Observ  
Univ Istanbul  
Univ 34452  
34452 Istanbul  
Turkey  
☎ 90 212 522 3597  
📠 90 212 519 0834

**Menzies John W**  
SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
📠 27 21 447 3639  
✉ jwm@sao.ac.za

**Merat Parviz**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8108  
📠 33 1 44 32 8001  
✉ merat@iap.fr

**Mercier Claude**  
Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7815  
📠 33 1 45 07 7959  
✉ Claude.Mercier@obspm.fr

**Merighi Roberto**  
Osserv Astronom  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 401  
📠 39 051 259 407

**Merkle Fritz**

Maximilian Kolbe Str. 10  
D 85386 Eching  
Germany  
☎ 49 89 319 2347  
📠 49 89 319 6492  
✉ merkle@zeiss.de

**Merline William J**

Southwest Research Inst  
1050 Walnut St Suite 426  
Boulder CO 80302  
USA  
☎ 1 303 546 9670  
📠 1 303 546 9687  
✉ merline@  
boulder.swri.edu

**Merman G A**

Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
192187 St Petersburg  
Russia  
☎ 7 812 278 8898  
📠 7 812 272 7968

**Merman Natalia V**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
📠 7 812 315 1701

**Mermilliod Jean-Claude**

Inst Astronomie  
Univ Lausanne  
CH 1290 Chavannes d Bois  
Switzerland  
☎ 41 22 755 2611  
📠 41 22 755 3983  
✉ jean-claude.mermilliod  
@obs.unige.ch

**Merriam James B**

Dpt Geological Sci  
Univ Saskatchewan  
Saskatoon SK S7N 0W0  
Canada  
☎ 1 306 966 5716  
📠 1 306 966 8593  
✉ merriam@  
geoid.usask.ca

**Mertz Lawrence N**

287 Fairfield Ct  
Palo Alto CA 94306 4619  
USA  
☎ 1 650 494 8578  
✉ digiphase@  
worldnet.att.net

**Merzianides Constantinos**

Zalogou 15  
GR 654 03 Kavala  
Greece  
☎ 30 51 22 840

**Message Philip J**

Dpt Appl Maths/Theor Phys  
Univ Liverpool  
Box 147  
Liverpool L69 3BX  
UK  
☎ 44 151 709 6022  
📠 44 151 708 6502

**Messerotti Mauro**

Astron Observ  
OAT  
Basovizza 302  
I 34012 Trieste  
Italy  
☎ 39 040 22 6176  
📠 39 040 226761  
✉ messerotti@  
oat.ts.astro.it

**Messina Antonio**

Dpt Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 301  
📠 39 051 259 407

**Mestel Leon**

Astronomy Centre  
Univ Sussex  
Falmer  
Brighton BN1 9QH  
UK  
☎ 44 12 73 606 755  
📠 44 12 73 678 097

**Meszaros Attila**

Astron Inst  
Charles Univ  
V Holesovickack 2  
CZ 180 00 Praha 8  
Czech Rep  
☎ 420 2 2191 2572  
📠 420 2 688 5095  
✉ meszaros@  
mbox.cesnet.cz

**Meszaros Peter**

Astronomy Dpt  
Pennsylvania State Univ  
525 Davey Lab  
University Park PA 16802  
USA  
☎ 1 814 865 0418  
📠 1 814 863 3399  
✉ pmeszaros@  
astro.psu.edu

**Metaxa Margarita**

Inst Arsakeio High Sch  
63 Eth Andistaseos Str  
GR 152 31 Athens  
Greece  
☎ 30 1 674 2825  
📠 30 1 675 6968  
✉ mmetaxa@compulink.gr

**Metcalfe Leo**

ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 6555  
📠 31 71 565 4532

**Metz Klaus**

Novalis-Haus Zimmer 217  
Ghersburgstr 19  
D 83043 Bad Aibling  
Germany

**Meurs Evert**

Dunsink Observ  
DIAS  
Castleknock  
Dublin 15  
Ireland  
☎ 353 1 387 911  
📠 353 1 387 090

**Meusinger Helmut**

Thueringer Landessternwarte  
Sternwarte 5  
D 07778 Tautenburg  
Germany  
☎ 49 364 278 6362  
📠 49 364 278 6329  
✉ meus@tls-tautenburg.de

**Mewe R**

SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5600  
📠 31 30 254 0860

**Meyer Claude**

OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 40 5379  
📠 33 4 93 40 5353  
✉ meyer@obs-azur.fr

**Meyer David M**

Dearborn Observ  
NW Univ  
2131 Sheridan Rd  
Evanston IL 60208 3112  
USA  
☎ 1 847 491 4516  
📠 1 847 491 3135

**Meyer Friedrich**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 00  
📠 49 893 299 3235

**Meyer Jean-Paul**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 5025  
📠 33 1 69 08 6577

**Meyer-Hofmeister Eva**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 00  
📠 49 893 299 3235

**Meyers Karie Ann**  
 Amphitheater High School  
 125 W Yavapai  
 Tuscon AZ 85705  
 USA

**Meylan Georges**  
 STSci  
 3700 San Martin Drive  
 Baltimore MD 21218  
 USA  
 ☎ 1 410 338 4483  
 ☎ 1 410 338 4767  
 ✉ gmeylan@stsci.edu

**Meynet Georges**  
 Observ  
 Chemin d Maillettes 51  
 CH 1290 Sauverny  
 Switzerland  
 ☎ 41 22 755 2611  
 ☎ 41 22 755 3983  
 ✉ georges.meynet@obs.unige.ch

**Mezger Peter G**  
 RAIUB  
 Univ Bonn  
 auf d Huegel 69  
 D 53121 Bonn  
 Germany  
 ☎ 49 228 525 297  
 ☎ 49 228 525 229

**Mezzetti Marino**  
 SISSA  
 Astronomy Dpt  
 c/o SISSA Via Beirut 4  
 I 34014 Trieste  
 Italy  
 ☎ 39 040 378 7478  
 ☎ 39 040 378 7528  
 ✉ mezzetti@gandalf.sissa.it

**Mianes Pierre**  
 OMP  
 14 Av E Belin  
 F 31400 Toulouse Cdx  
 France  
 ☎ 33 5 61 25 2101  
 ☎ 33 5 61 27 3179

**Miao Yongkuan**  
 Astronomy Dpt  
 Nanjing Univ  
 Nanjing 210093  
 China PR  
 ☎ 86 25 663 7551\*2882  
 ☎ 86 25 330 2728

**Miao Yongrui**  
 Shanghai Astron Observ  
 CAS  
 80 Nandan Rd  
 Shanghai 200030  
 China PR  
 ☎ 86 21 6438 6191  
 ☎ 86 21 6438 4618

**Micela Giuseppina**  
 Osserv Astronomico  
 Univ d Palermo  
 Piazza Parlamento 1  
 I 90134 Palermo  
 Italy  
 ☎ 39 09 165 70451  
 ☎ 39 09 148 8900

**Michalec Adam**  
 Astron Observ  
 Krakow Jagiellonian Univ  
 Ul Orla 171  
 PL 30 244 Krakow  
 Poland  
 ☎ 48 12 25 1294  
 ☎ 48 12 25 1318

**Michalowski Tadeusz**  
 Astron Observ  
 A Mickiewicz Univ  
 Ul Słoneczna 36  
 PL 60 286 Poznan  
 Poland  
 ☎ 48 61 867 9670  
 ☎ 48 61 868 6511  
 ✉ tmich@amu.edu.pl

**Michard Raymond**  
 OCA  
 Observ Nice  
 BP 4229  
 F 06304 Nice Cdx 4  
 France  
 ☎ 33 4 92 00 3181  
 ☎ 33 4 92 00 3033  
 ✉ michard@obs-azur.fr

**Michaud Georges J**  
 250 Du Finistere  
 St Lambert J4S 1P5  
 Canada  
 ☎ 1 514 343 6672  
 ✉ michaudg@cerca.umontreal.ca

**Michel Eric**  
 Observ  
 DASGAL  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7876  
 ☎ 33 1 45 07 7872  
 ✉ Eric.Michel@obspm.fr

**Michel F Curtis**  
 Dpt Phys/Astronomy  
 Rice Univ  
 Box 1892  
 Houston TX 77251 1892  
 USA  
 ☎ 1 713 527 4925  
 ☎ 1 713 285 5143

**Michel Patrick**  
 OCA  
 UMR 6529/CNRS  
 BP 4229  
 F 06304 Nice Cdx 4  
 France  
 ☎ 33 4 92 00 3055  
 ☎ 33 4 92 00 3121  
 ✉ michel@obs-nice.fr

**Mickaelian Areg Martin**  
 Byurakan Astrophys Observ  
 Armenian Acad Sci  
 378433 Byurakan  
 Armenia  
 ☎ 374 88 52 28 3453/4142  
 ☎ 374 88 52 52 3640  
 ✉ aregmick@bao.sci.am  
 ✉ byurakan@pnas.sci.am

**Mickelson Michael E**  
 Dpt Phys/Astronomy  
 Denison Univ  
 Granville OH 43023  
 USA  
 ☎ 1 614 587 6467  
 ☎ 1 614 587 6240  
 ✉ mickelson@denison.edu

**Mietelski Jan S**  
 Astron Observ  
 Krakow Jagiellonian Univ  
 Ul Orla 171  
 PL 30 244 Krakow  
 Poland  
 ☎ 48 12 25 1294  
 ☎ 48 12 25 1318

**Migenes Victor**  
 Dpt Astronomia  
 Univ Guanajuato  
 Apdo 144  
 Guanajuato GTO 36000  
 Mexico  
 ☎ 52 4 732 9548  
 ☎ 52 4 732 0253  
 ✉ vmigenes@astro.ugto.mx

**Mighell Kenneth John**  
 NOAO/KPNO  
 Box 26732  
 950 N Cherry Av  
 Tucson AZ 85726 6732  
 USA  
 ☎ 1 520 318 8391  
 ☎ 1 520 318 8360  
 ✉ mighell@noao.edu

**Mignard Francois**  
 OCA  
 CERGA  
 Av Copernic  
 F 06130 Grasse  
 France  
 ☎ 33 4 93 40 5382  
 ☎ 33 4 93 40 5353  
 ✉ mignard@obs-azur.fr

**Mihalas Ieronim**  
 Bucharest Univ  
 Str Academiei 14  
 RO 70109 Bucharest  
 Romania  
 ☎ 40 1 623 0819

**Mihalas Barbara R Weibel**  
 NCSA  
 Beckman Inst Draw 25  
 405 Mathews Av  
 Urbana IL 61801  
 USA

**Mihalas Dimitri**  
 X-3 MS D413  
 Applied Physics Div  
 Los Alamos National Lab  
 Los Alamos NM 87545  
 USA  
 ☎ 1 505 665 4529  
 ☎ 1 505 665 5538  
 ✉ dmihalas@lanl.gov

**Mihalov John D**  
761 Garland Dr  
Palo Alto CA 94303 3604  
USA  
☎ 1 650 604 5516  
① 1 650 604 6779  
✉ mihalov@stanfordalumni.org

**Mikami Takao**  
Osaka Gakuin Univ  
2-36-1 Kishibe Minami  
Suita Shi  
Osaka 564  
Japan  
☎ 81 638 18 434

**Mikesell Alfred H**  
8316 Waldnut Rd NE  
Olympia WA 98506 69550  
USA  
☎ 1 206 493 1457

**Mikhail Joseph Sidky**  
NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
① 20 62 2140 5297

**Mikkola Seppo**  
Turku Univ  
Tuorla Observ  
Vaesislaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 274 4256  
① 358 2 243 3767

**Mikolajewska Joanna**  
Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
① 48 22 841 0828  
✉ mikolaj@camk.edu.pl

**Mikulasek Zdenek**  
N Copernicus Observ  
and Planetarium  
Kravi Hora 2  
CZ 616 00 Brno 16  
Czech Rep  
☎ 420 5 4132 1287  
✉ mikulas@diior.ics.sci.muni.cz

**Milani Andrea**  
Dpt Matematica  
Univ d Pisa  
Via Buonarroti 2  
I 56127 Pisa  
Italy  
☎ 39 050 844254  
① 39 050 844224  
✉ Milani@dm.unipi.it

**Milano Leopoldo**  
Dpt Scienze Fisiche  
Univ d Napoli  
Mostra D Oltremare Pad 19  
I 80125 Napoli  
Italy  
☎ 39 08 172 53447  
① 39 08 161 4508

**Miles Howard G**  
Lane Park Ptyne  
St Minver  
Wadebridge PL27 6PN  
UK  
☎ 44 120 88 63153

**Milet Bernard L**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3011  
① 33 4 92 00 3033  
✉ milet@obs-nice.fr

**Miley George K**  
Leiden Observ  
Box 9513  
NL 2333 RA Leiden  
Netherlands  
☎ 31 71 527 5849  
① 31 71 527 5819  
✉ miley@strw.leidenuni.nl

**Milkey Robert W**  
AAS  
2000 Florida Av NW  
Suite 400  
Washington DC 20009 1231  
USA  
☎ 1 202 328 2010  
① 1 202 234 2560  
✉ milkey@aas.org

**Millar Thomas J**  
Dpt Pysics  
UMIST  
Box 88  
Manchester M60 1QD  
UK  
☎ 44 161 200 3677  
① 44 161 200 3669  
✉ Tom.Millar@umist.ac.uk

**Miller Guy Scott**  
Dearborn Observ  
NW Univ  
2131 Sheridan Rd  
Evanston IL 60208 3112  
USA  
☎ 1 847 491 8647  
① 1 847 491 3135  
✉ gsmiller@ossenu.astro.nwu.edu

**Miller Hugh R**  
Dpt Phys/Astronomy  
Georgia State Univ  
Atlanta GA 30303 3083  
USA  
☎ 1 404 651 1368  
① 1 404 651 1389  
✉ miller@chara.gsu.edu

**Miller John C**  
Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RQ  
UK  
☎ 44 186 551 1336  
① 44 186 527 3390

**Miller Joseph S**  
Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2991  
① 1 831 459 5244  
✉ miller@ucolick.org

**Miller Michael C**  
Astronomy Dpt  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 1037  
① 1 301 314 9067  
✉ miller@astro.umd.edu

**Miller Richard H**  
Astronomy/Astrophys Ctr  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 773 702 8201  
① 1 773 702 8212  
✉ rhm@oddjob.uchicago.edu

**Miller Steven**  
Dpt Science / Tech Studies/  
Physics & Astron  
UCL, Gower Street  
London WC1E 6BT  
UK  
☎ 44 20 7678 3490  
① 44 20 7616 2425  
✉ s.miller@ucl.ac.uk

**Millet Jean**  
LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5900  
① 33 4 91 66 1855

**Milliard Bruno**  
LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5900  
① 33 4 91 66 1855  
✉ Bruno.Milliard@astrop-mrs.fr

**Milligan J E**  
NASA MSFC  
Huntsville AL 35812  
USA  
✉ Jim.Milligan@msfc.nasa.gov

**Millikan Allan G**  
7061 Boughton Hill Rd  
Victor NY 14564  
USA  
☎ 1 716 924 9802

**Millis Robert L**  
 Lowell Observ  
 1400 W Mars Hill Rd  
 Box 1149  
 Flagstaff AZ 86001  
 USA  
 ☎ 1 520 774 3358  
 ☎ 1 520 774 6296

**Mills Allan A**  
 Astronomy Dpt  
 Univ Leicester  
 Univ Rd  
 Leicester LE1 7RH  
 UK  
 ☎ 44 1162 522 073  
 ☎ 44 1162 522 200

**Mills Bernard Y**  
 School Physics  
 UNSW  
 Sydney NSW 2006  
 Australia  
 ☎ 61 2 692 2544  
 ☎ 61 2 660 2903

**Milne Douglas K**  
 CSIRO  
 Div Radiophysics  
 Box 76  
 Epping NSW 2121  
 Australia  
 ☎ 61 2 868 0222  
 ☎ 61 2 868 0310  
 ✉ dmilne@atnf.csiro.au

**Milogradov-Turin Jelena**  
 Astronomy Dpt  
 Univ Belgrade  
 Studentski Trg 16  
 11000 Beograd  
 Yugoslavia FR  
 ☎ 381 1 163 8715  
 ☎ 381 1 163 0151  
 ✉ jelanam@matf.bg.ac.yu

**Milone Eugene F**  
 Dpt Phys/Astronomy  
 Univ Calgary  
 2500 Univ Dr NW  
 Calgary AB T2N 1N4  
 Canada  
 ☎ 1 403 220 5412  
 ✉ milonc@acs.ucalgary.ca

**Milone Luis A**  
 Observ  
 de Cordoba  
 Laprida 854  
 5000 Cordoba  
 Argentina  
 ☎ 54 351 423 0491  
 ☎ 54 351 421 0613  
 ✉ milone@oac.uncor.edu

**Minarovjeh Milan**  
 Astron Inst  
 Slovak Acad Sci  
 SK 059 60 Tatranska Lomni  
 Slovakia  
 ☎ 421 969 4467 867  
 ☎ 421 969 4467 656  
 ✉ milanmin@ta3.sk

**Mineo Teresa**  
 Inst di Fisica Cosmica  
 Applicazioni all'Informatica  
 via U. La Malfa 153  
 I 90146 Palermo  
 Italy  
 ☎ 39 091 680 9478  
 ☎ 39 091 688 2258  
 ✉ mineo@ifcai.pa.enr.it

**Mineshige Shin**  
 Astronomy Dpt  
 Kyoto Univ  
 Sakyo Ku  
 Kyoto 606 01  
 Japan  
 ☎ 81 757 53 7008  
 ☎ 81 757 53 7010  
 ✉ mineshige@kusastro.kyoto-u.ac.jp

**Mingaliev Marat G**  
 SAO  
 Acad Sciences  
 Nizhnij Arkhыз  
 357147 Karachaevo  
 Russia  
 ☎ 7 878 789 2501  
 ☎ 7 871 140 6337  
 ✉ marat@sao.stavropol.su

**Minh Young Chol**  
 Korea Astronomy Observ  
 36 1 Whaam Dong  
 Yuseong Gu  
 Taejon 305 348  
 Korea RP  
 ☎ 82 428 65 3263  
 ☎ 82 428 61 5610  
 ✉ minh@trao.re.kr

**Minikulov Nasridin K**  
 Astrophys Inst  
 Tajik Acad Sci  
 Bukhoro Str 22  
 734042 Dushanbe  
 Tajikistan  
 ☎ 7 3770 23 1432  
 ☎ 7 3770 27 5483

**Minn Young Key**  
 Dpt Astron/Space Sci  
 Kyunghee Univ  
 Yong In Kun  
 Kyunghee 449 701  
 Korea RP  
 ☎ 82 276 46 131

**Minnet Harry C**  
 CSIRO  
 Div Radiophysics  
 Box 76  
 Epping NSW 2121  
 Australia  
 ☎ 61 2 868 0222  
 ☎ 61 2 868 0310

**Minniti Dante**  
 ESO  
 Karl Schwarzschildstr 2  
 D 85748 Garching  
 Germany  
 ☎ 49 893 200 6532  
 ☎ 49 893 202 362  
 ✉ dante@eso.org

**Minter Anthony H**  
 NRAO  
 Box 2  
 Green Bank WV 24944  
 USA  
 ☎ 1 304 456 2275  
 ☎ 1 304 456 2170  
 ✉ iminter@nrao.edu

**Mintz Blanco Betty**  
 636 Flamevine Lane  
 Vero Beach FL 32963  
 USA  
 ✉ bblanco@sunet.net

**Mioc Vasile**  
 Astron Inst  
 Romanian Acad Sci  
 Cutitul de Argint 5  
 RO 75212 Bucharest  
 Romania  
 ☎ 40 1 335 6892  
 ☎ 40 1 337 3389  
 ✉ vmioc@roastro.astro.ro

**Mirabel Igor Felix**  
 DAPNIA/SAP  
 CEA Saclay  
 BP 2  
 F 91191 Gif s Yvette Cdx  
 France  
 ☎ 33 1 69 08 9256  
 ☎ 33 1 69 08 6577  
 ✉ mirabel@discovery.saclay.cea.fr

**Misconi Nebil Youif**  
 Univ Central Florida  
 College Engineering  
 1519 Clearlake Rd  
 Cocoa FL 32922  
 USA  
 ☎ 1 407 631 5366\*5546  
 ☎ 1 407 933 7696  
 ✉ misconi@ucflvm.cc.ucg.edu

**Mishenina Tamara**  
 Astron Observ  
 Odessa State Univ  
 Shevchenko Park  
 270014 Odessa  
 Ukraine  
 ☎ 380 4822 20396  
 ☎ 380 4822 28442  
 ✉ root@astro.odessa.ua

**Misner Charles W**  
 Astronomy Program  
 Univ Maryland  
 College Park MD 20742  
 2421  
 USA  
 ☎ 1 301 454 6650  
 ☎ 1 301 314 9067

**Missana Marco**  
 Osserv Astronomico  
 d Brera  
 Via Cremagnani 13/11  
 I 20059 Vimercate  
 Italy  
 ☎ 39 02 723 20302  
 ☎ 39 02 720 01600  
 ✉ missana@brera.mi.astro.it

**Mitalas Romas Assoc**  
 Dpt Phys/Astronomy  
 Univ W Ontario  
 London ON N6A 3K7  
 Canada  
 ☎ 1 519 679 3184  
 ☎ 1 519 661 3486

**Mitchell George F**  
Astronomy Dpt  
St Mary's Univ  
Halifax NS B3H 3C3  
Canada  
☎ 1 902 429 9780  
📠 1 902 420 5561

**Mitchell Kenneth J**  
General Sciences Corp  
6100 Chevy Chase Dr  
Laurel MD 20707  
USA  
☎ 1 301 513 7815  
✉ mitchell@aruba.gsfc.nasa.gov

**Mitic Ljubisa A**  
Branka Radicevica 6/7  
22303 Banoci-Dunav  
11060 Beograd  
Yugoslavia FR  
☎ 381 1 141 9357/421 875  
📠 381 1 141 9553

**Mitra A P**  
Ntl Physical Laboratory  
Hillside Rd  
New Delhi 110 012  
India  
☎ 91 11 585 298/440

**Mitra Abhas K**  
Theoretical Physics Division  
Bhabha Atomic Research  
Centre  
Mumbai 400085  
India  
☎ 91 22 557 9093  
📠 91 22 550 5151  
✉ amitra@apsara.barc.ernet.in

**Mitrofanova Lyudmila A**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
📠 7 812 315 1701

**Mitsuda Kazuhisa**  
ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 51 3911  
📠 81 427 59 4253

**Mitton Jacqueline**  
RAS  
8a Canterbury Close  
Cambridge CB4 3QQ  
UK  
☎ 44 12 23 564 914  
📠 44 12 23 572 892  
✉ jmitton@dial.pipex.com

**Mitton Simon**  
Cambridge Univ Press  
Shaftesbury Rd  
Cambridge CB2 2RU  
UK  
☎ 44 12 23 325 760  
📠 44 12 23 562 892  
✉ smitton@cup.cam.ac.uk

**Miyaji Shigeki**  
Physics Dpt  
Chiba Univ  
1 33 Yayoicho Inage ku  
Chiba 263  
Japan  
☎ 81 43 290 3719  
📠 81 43 290 3720  
✉ miyaji@c.chiba-u.ac.jp

**Miyama Syoken**  
Physics Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 51 2111  
📠 81 757 53 7010

**Miyamoto Masanori**  
Faculty Education /  
Human Sciences  
8050 Ikarashi 2  
Niigata 950 - 2181  
Japan  
☎ 81 25 262 7269  
📠 81 25 264 2026  
✉ somamt@cc.nao.ac.jp

**Miyamoto Sigenori**  
Physics Dpt/Fac Sciences  
Osaka Univ  
Machikaneyama  
Toyonaka Osaka 560 0043  
Japan  
☎ 81 684 41 151

**Miyawaki Ryoosuke**  
Fukuoka Univ Education  
Dpt Sciences Education  
Akama 729-1, Munakata  
Fukuoka 811 4192  
Japan  
☎ 81 940 35 1359  
📠 81 940 35 1740  
✉ miyawaki@fukuoka-edu.ao.jp

**Miyoshi Makoto**  
NAO  
2 10 Hoshigaoka  
Mizusawa Shi  
Iwate 023  
Japan  
☎ 81 197 227 138  
📠 81 197 222 715  
✉ miyoshi@miz.nao.ac.jp

**Miyoshi Shigeru**  
Physics Dpt  
Kyoto Sangyo Univ  
Kamigamo  
Kyoto 603  
Japan  
☎ 81 757 05 1609  
📠 81 757 05 1640  
✉ miyoshi@asca.kyoto-su.ac.jp

**Mizumoto Yoshihiko**  
Ntl Astron Observ  
Osawa 2 21 1  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3702  
📠 81 422 34 3708  
✉ mizumoto@optik.mtk.nao.ac.jp

**Mizuno Akira**  
Astrophysics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 527 81 6769  
📠 81 527 82 0647  
✉ mizuno@phys.nagoya-u.ac.jp

**Mizuno Shun**  
Kanazawa Techn Inst  
7 1 Ogigaoka  
Nonoichimachi  
Ishikawa 921  
Japan  
☎ 81 762 48 1100

**Mizuno Takao**  
Dpt Astronomy / Earth Sci  
Tokyo Gakugei Univ  
Tokyo 184 - 8501  
Japan  
☎ 81 423 29 7534  
📠 81 423 29 7538  
✉ mizuno@u-gakugei.ac.jp

**Mizutani Kohei**  
Physics Dpt  
Saitama Univ  
Z55 Shimo-Okubo  
Urawa 338  
Japan  
☎ 81 488 58 3376  
📠 81 488 58 3698  
✉ mizutani@crspark.cr.phy.saitama-u.ac.jp

**Mkrtychian David E**  
Astron Observ  
Odessa State Univ  
Shevchenko Park  
Odessa 65014  
Ukraine  
☎ 380 482 250 356  
📠 380 482 228 442  
✉ davidm@te.net.ua

**Mnatsakanian Mamikon A**  
Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
📠 374 88 52 52 3640

**Mo Houjun**  
MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 3246  
📠 49 893 299 3235  
✉ hmo@mpa-garching.mpg.de

**Mo Jinger**

CSC  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4445  
✉ jinger@stsci.edu

**Mochkovitch Robert**  
IAP

98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8187  
☎ 33 1 44 32 8001  
✉ mochko@iap.fr

**Mochnacki Stephan W**

David Dunlap Observ  
Univ Toronto  
60 St George St  
Toronto ON M5s 1A1  
Canada  
☎ 1 416 978 2016  
☎ 1 416 978 3921

**Modali Sarma B**

6305 Gallery St  
Bowie MD 20715  
USA  
☎ 1 301 262 5891

**Modisette Jerry L**

18323 Hereford Ln  
Houston TX 77058  
USA

**Moehler Sabine**

Dr Remeis Sternwarte  
Univ Erlangen-Nuernberg  
Sternwartstr 7  
D 96049 Bamberg  
Germany.  
☎ 49 951 952 2217  
☎ 49 951 952 2222  
✉ moehler@a400.  
sternwarte.uni-erlangen.de

**Moehlmann Diedrich**

Inst Raumsimulation  
Postfach 90 60 58  
D 51140 Koeln  
Germany  
☎ 49 220 360 13205  
☎ 49 220 360 12094/2352  
✉ dirk.moehlmann@  
europa.rs.kp.dl

**Moellenhoff Claus**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9210  
☎ 49 622 150 9202  
✉ cmoellen@  
hp2.lsw.uni-heidelberg.de

**Moeller Palle**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 20 060  
☎ 49 893 20 2362

**Moerdijk Willy G**

Sterrekundig Observ  
Universiteit Gent  
Krijgslaan 281 S9  
B 9000 Gent  
Belgium  
☎ 32 9 264 4763  
☎ 32 92 64 4989

**Moesgaard Kristian P**

Bygadan 1/Torrild  
DK 8300 Odder  
Denmark  
☎ 45 86 53 1004  
✉ retepeter@mail.tele.dk

**Moffat Anthony F J**

Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 6682  
☎ 1 514 343 2071

**Moffat John W**

Physics Dpt  
Univ Toronto  
60 St George St  
Toronto ON M5S 1A1  
Canada  
☎ 1 416 978 2949  
☎ 1 416 978 3921

**Moffatt Henry Keith**

Isaac Newton Inst for  
Mathematical Sci  
20 Clarkson Rd  
Cambridge CB3 9EH  
UK  
☎ 44 12 23 335 80  
☎ 44 12 23 330 508  
✉ hkm2@  
newton.cam.ac.uk

**Moffett Thomas J**

Physics Dpt  
Purdue Univ  
West Lafayette IN 47907  
USA  
☎ 1 317 494 5508  
☎ 1 317 494 0706  
✉ moffett@  
physics.purdue.edu

**Mogilevskij Eh I**

ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 232 1931  
☎ 7 095 334 0124

**Mohan Anita**

Dpt Applied Physics, IT  
Banaras Hindu Univ  
Varanasi 221005  
India  
☎ 91 542 318 055  
☎ 91 542 313 965  
✉ smohan@  
banaras.ernet.in

**Mohan Chander**

Mathematics Dpt  
Univ Roorkee  
Roorkee 247 667  
India

**Mohan Vijay**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136

**Mohd Zambri Zainuddin**

Ctr for Foundation  
Univ Malaysia  
59100 Kuala Lumpur  
Malaysia  
☎ 60 3 755 2744  
☎ 60 3 757 3661

**Mohr Joseph J**

Univ Illinois  
Dpt Astronomy  
1002 W. Green St.  
Urbana IL 61801  
USA  
☎ 1 217 333 9239  
☎ 1 217 244 7638  
✉ jmohr@astro.uiuc.edu

**Moiseev I G**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
☎ 380 6554 40704

**Molaro Paolo**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
☎ 39 040 30 9418

**Molchanov Andrea P**

Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
199178 St Petersburg  
Russia  
☎ 7 812 428 7129  
☎ 7 812 428 4259

**Moles Mariano J**

Inst Mathematicas y Fisica  
Fundamental  
C/Serrano 133bis  
E 28006 Madrid  
Spain  
☎ 34 91 590 1615  
☎ 34 91 585 4894  
✉ moles@  
imaff.cfmac.csic.es

**Molina Antonio**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 812 1300  
☎ 34 5 881 4530



**Molinari Emilio**

Osserv Astronomico Brera  
Via E Bianchi 46  
I 23807 Merate  
Italy  
☎ 39 039 999 1158  
📠 39 039 999 1160  
✉ molinari@merate.mi.astro.it

**Molnar Michael R**

Molnar Technologies  
3 Stoningham Dr  
Warren NJ 07060  
USA  
☎ 1 201 580 1404

**Monaghan Joseph J**

Mathematics Dpt  
Monash Univ  
Wellington Rd  
Clayton VIC 3168  
Australia  
☎ 61 3 541 2563

**Monet Alice K B**

USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 602 779 5132  
📠 1 602 774 3626  
✉ alice@nfs.navy.mil

**Monet David G**

USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 520 779 5132  
📠 1 520 774 3626  
✉ dgm@nfs.navy.mil

**Monfils Andre G**

NEOC SA  
Chemin Macors 17  
B 4052 Beaufays  
Belgium  
☎ 32 4 368 7929  
📠 32 4 368 7929

**Monier Richard**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0753  
📠 33 3 88 37 1408  
✉ rmonier@cdsxb.a.u-strasbg.fr

**Monin Jean-Louis**

Observ  
Lab Astrophysique  
BP 53x  
F 38041 S Martin Heres Cdx  
France  
☎ 33 4 76 51 4786  
📠 33 4 76 44 8821

**Monnet Guy J**

Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 56 0705  
📠 33 4 72 39 9791

**Monteiro Mario J P F G**

Centro Astrofisica  
Univ d Porto  
Rua das Estrelas  
P 4150- 762 Porto  
Portugal  
☎ 351 226 089 830  
📠 351 226 089831  
✉ mjm@astro.up.pt

**Monteiro Tania S**

Mathematics Dpt  
Royal Holloway College  
Univ London  
Egham Surrey TW20 0EX  
UK  
☎ 44 17 84 344 55\*3106  
✉ asl0703@ucs.ac.uk

**Montes Carlos**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3011  
📠 33 4 92 00 3033

**Montesinos Benjamin**

LAEFF  
ESA Saellite Tracking  
Station  
PO Box 50727  
E 28080 Madrid  
Spain  
☎ 34 918 13 1195  
📠 34 918 13 1160  
✉ bmm@laeff.esa.es

**Montmerle Thierry**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 4722  
📠 33 1 69 08 9266  
✉ montmerle@sapv.xg.saclay.cea.fr

**Moody Joseph Ward**

Dpt Phys/Astronomy  
N484ESC  
BYU  
Provo UT 84624  
USA  
☎ 1 801 378 4347  
📠 1 801 378 2265  
✉ jmoody@astro.byu.edu

**Mook Delo E**

Dpt Phys/Astronomy  
Dartmouth College  
6127 Wilder Lab  
Hanover NH 03755  
USA  
☎ 1 603 646 2972  
📠 1 603 646 1446

**Moon Shin Haeng**

Korea Aerospace Research  
Inst  
P.O. Box 113  
Yusong  
Taejon 305 600  
Korea RP  
☎ 82 428 61 1497  
📠 82 428 81 5610

**Moore Daniel R**

Mathematics Dpt  
Imperial Coll  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7771  
📠 44 171 594 7772

**Moore Elliott P**

Physics Dpt  
Campus Station  
Socorro NM 87801  
USA  
☎ 1 505 835 5431  
📠 1 505 835 5707  
✉ moore@arctic.nmt.edu

**Moore Patrick**

Farthings  
39 West St  
Selsey Sussex  
UK  
☎ 44 124 360 3668

**Moore Ronald L**

NASA MSFC  
Space Science Lab  
Code ES 52  
Huntsville AL 35812  
USA  
☎ 1 205 453 0118  
📠 1 205 544 7754

**Moorhead James M**

Dpt Phys/Astronomy  
Univ W Ontario  
London ON N6A 3K7  
Canada  
☎ 1 519 679 2111\*6712  
📠 1 519 661 2009  
✉ moorhead@phobos.astro.uwo.ca

**Moorwood Alan F M**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6294  
📠 49 893 202 362

**Moos Henry Warren**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 7337  
📠 1 410 516 5494  
✉ hwm@pha.jhu.edu

**Morales-Duran Carmen**

ESA  
Apt 50727 Villafranca  
E 28080 Madrid  
Spain  
☎ 34 1 675 0700  
📠 34 1 813 1139

**Moran James M**

CfA  
HCO/SAO MS 42  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7477  
① 1 617 495 7345  
✉ moran@cfa.harvard.edu

**Moravec Zdenek**

Hvezda'rna  
Klet  
Za'tkovo Na'brezi 4  
CZ Ceske Budejovice 370 01  
Czech Rep  
☎ 420 337 771 242  
① 420 386 352 239  
✉ zmoravec@klet.cz

**Morbey Christopher L**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 388 0220  
① 1 250 363 0045  
✉ chris.morbey@hia.nrc.ca

**Morbidelli Alessandro**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3126  
① 33 4 92 00 3033  
✉ morby@obs-nice.fr

**Morbidelli Lorenzo**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
① 39 055 220 039  
✉ lorenzo@arcetri.astro.it

**Morbidelli Roberto**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 810 1924  
① 39 011 810 1930  
✉ morbidelli@to.astro.it

**Morcos Abd El Fady B**

NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
① 20 62 21 405 297  
✉ astro@frcu.eun.eg

**Moreau Olivier**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 42 54 75 58  
① 32 42 54 75 11  
✉ moreau@astro.ulg.ac.be

**Moreels Guy**

Observ  
41bis Av Observatoire  
BP 1615  
F 25000 Besancon Cdx  
France  
☎ 33 3 81 50 2266  
① 33 3 81 66 6944

**Morel Pierre-Jacques**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3039  
① 33 4 92 00 3033  
✉ morel@obs-nice.fr

**Moreno Corral Marco A**

Observ  
UNAM  
Apt 877  
Ensenada BC 22800  
Mexico  
☎ 52 6 174 4580  
① 52 6 174 4607

**Moreno Edmundo**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 548 3712

**Moreno Fernando**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 812 1311  
① 34 5 881 4530

**Moreno Hugo**

Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101/4002  
① 56 2 229 4002  
✉ hmoreno@das.uchile.cl

**Moreno-Insertis Fernando**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
① 34 2 240 5646/405 501  
✉ fmi@iac.es

**Moreton G E**

15 5 The Esplanade  
Balmoral Beach NSW 2088  
Australia

**Morgan Brian Lealan**

Physics Dept  
Imperial College  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7560  
① 44 171 594 7541  
✉ b.morgan@ic.ac.uk

**Morgan David H**

Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 673 321  
① 44 13 16 621 668

**Morgan John Adrian**

Aerospace Corp  
MS M4 041  
Box 92957  
Los Angeles CA 90009 2957  
USA  
☎ 1 310 336 5000  
① 1 310 336 1636

**Morgan Peter**

Canberra Coll Adv Educ  
School Applied Science  
Box 1  
Belconnen ACT 2616  
Australia  
☎ 61 62 522 557

**Morgan Thomas H**

Southwest Res Inst  
Po Drawer 28510  
San Antonio TX 78228 0510  
USA  
☎ 1 210 522 3985  
① 1 210 647 4325  
✉ tmorgan@  
swri.dnet.nasa.gov

**Morganti Raffaella**

NFRA/ASTRON  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5163  
① 31 521 59 7332  
✉ morganti@nfra.nl

**Mori Masao**

Ntl Astron Observ  
Osawa 2 21 1  
Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3617  
① 81 422 34 3749  
✉ mmori@  
ioa.s.u-tokyo.ac.jp

**Moriarty-Schieven G H**

Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 969 6531  
① 1 808 961 6516  
✉ gms@jach.hawaii.edu

**Morimoto Masaki**

Nishi Harima Astron.  
Observ  
407-2 Nishi-Kawachi  
Sayoh-Cho  
Hyohgo 679 5313  
Japan

**Morison Ian**

NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
📠 44 147 757 1618

**Morita Kazuhiko**

6-1-21-401 Kotaoni 1-Jyo  
Nishi-Ku  
Sapporo 063 0811  
Japan

**Morita Koh-ichiro**

Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan  
☎ 81 267 63 4331  
📠 81 267 63 4339  
✉ morita@nro.nao.ac.jp

**Moriyama Fumio**

3 6 23 Nogami  
Takarazuka  
Hyogo 665  
Japan  
☎ 81 638 18 434

**Morossi Carlo**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
📠 39 040 30 9418

**Moroz Vasilis I**

Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 3122  
📠 7 095 310 7023

**Morozhenko A V**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 63110  
📠 380 4426 62147

**Morras Ricardo**

IRAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 221 425 4909  
📠 54 221 425 4909  
✉ rimorras@isis.unlp.edu.ar

**Morrell Nidia**

Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 4217 308  
📠 54 221 4211 761  
✉ nidia@fcaglp.edu.ar

**Morris Charles S**

CALTECH/JPL  
MS 300 319  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 8074  
📠 1 818 393 6030

**Morris David**

IRAM  
300 r La Piscine  
F 38406 S Martin Heres Cdx  
France  
☎ 33 4 76 82 4930  
📠 33 4 76 51 5938  
✉ morris@iram.fr

**Morris Mark Root**

Dpt Astronomy/Phys  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 825 3320  
📠 1 310 206 2096  
✉ morris@astro.ucla.edu

**Morris Michael C**

Royal Greenwich Observ  
Madingley Rd  
Cambridge CB3 0EZ  
UK  
☎ 44 12 23 374 000  
📠 44 12 23 374 700

**Morris Simon**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 363 0062  
📠 1 250 363 0045  
✉ simon@dao.nrc.ca

**Morris Stephen C**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 363 0023  
📠 1 250 363 0045  
✉ morris@dao.nrc.ca

**Morris Steven**

Apt 2  
2860 W 235th St  
Torrance CA 90505  
USA  
☎ 1 213 530 8708

**Morrison David**

NASA ARC  
MS 200 7  
Moffett Field CA 94035-  
1000, USA  
☎ 1 650 604 5028  
📠 1 650 604 6779  
✉ dmorrison@arc.nasa.gov

**Morrison Leslie V**

28 Pevensey Park Road  
Westham Pevensey  
E Sussex BN24 5HW  
UK  
✉ LMorr49062@aol.com

**Morrison Nancy Dunlap**

Dpt Phys/Astronomy  
Univ Toledo  
2801 W BancrBoxt St  
Toledo OK 43606  
USA  
☎ 1 419 537 2659  
📠 1 419 530 2723

**Morrison Philip**

Physics Dpt  
MIT Rm 6 205  
77 Massachusetst Ave  
Cambridge MA 02139 4307  
USA  
☎ 1 617 253 5086  
📠 1 617 253 9798

**Morton Donald C**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V9E 2E7  
Canada  
☎ 1 250 363 8313  
📠 1 250 363 0045  
✉ don.morton@nrc.ca

**Morton G A**

1122 Skycrest Dr  
APT 6  
Walnut Creek CA 94595  
USA  
☎ 1 415 933 3802

**Moscadelli Luca**

Stazione Astronomica  
Univ d Cagliari  
Poggio d Pini 54  
I 09012 Capoterra  
Italy  
☎ 39 07 066 4770  
📠 39 07 072 5425  
✉ mosca@ca.astro.it

**Moscardini Lauro**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3474  
📠 39 049 875 9840  
✉ moscardini@pd.astro.it

**Mosconi Mirta B**

Observ  
Laprida 854  
Cordoba 5000  
Argentina  
☎ 54 351 433 1066  
📠 54 351 433 1066  
✉ atrim@oac.uncor.edu

**Moskalik Pawel**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
📠 48 22 841 046  
✉ pam@camk.edu.pl

**Moss Christopher**  
Vatican Obs Group  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 7855  
☎ 1 520 621 1532  
✉ cross@as.arizona.edu

**Moss David L**  
Mathematics Dpt  
Univ Manchester  
Oxford Rd  
Manchester M13 9PL  
UK  
☎ 44 161 275 5865  
☎ 44 161 275 5819  
✉ moss@ma.man.ac.uk

**Mosser Benoit**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8149  
☎ 33 1 44 32 8001  
✉ mosser@iap.fr

**Motch Christian**  
Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0754  
☎ 33 3 88 15 0760  
✉ motch@astro.u-strasbg.fr

**Motta Santo**  
Dpt Matematica  
Citta Universitaria  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 0533\*668  
☎ 39 095 733 0592

**Motz Lloyd**  
Astronomy Dpt  
Columbia Univ  
538 W 120th St  
New York NY 10027  
USA  
☎ 1 212 280 3279  
☎ 1 212 316 9504

**Mouchet Martine**  
Observ  
DAEC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7522  
☎ 33 1 45 07 7123  
✉ martine.mouchet@obspm.fr

**Mould Jeremy R**  
NOAO  
PO Box 26732  
Tucson AZ 85726  
USA  
☎ 1 520 318 8281  
☎ 1 520 318 8170  
✉ jrm@noao.edu

**Mouradian Zadig M**  
Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7800  
☎ 33 1 45 07 7959  
✉ Zadig.Mouradian@obspm.fr

**Mourard Denis**  
OCA  
Observ Calern/Caussols  
2130 r Observatoire  
F 06460 S Vallier Thiey  
France  
☎ 33 4 93 40 5492  
☎ 33 4 93 40 4431  
✉ mourard@obs-nice.fr

**Mouschovias Telemachos Ch**  
Dpt Astron/Physics  
Univ Illinois  
1003 West Green Street  
Urbana IL 61801  
USA  
☎ 1 217 333 7827  
☎ 1 217 244 7638  
✉ tchm@uiuc.edu

**Moussas Xenophon**  
Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 723 5122  
☎ 30 1 723 5122  
✉ moussas@grathon1.earn

**Mowlavi Nami**  
Observ  
ISDC  
CH 1290 Sauverny  
Switzerland  
☎ 41 22 755 2611  
☎ 41 22 755 3983  
✉ Nami.Mowlavi@obs.unige.ch

**Mozurkewich David**  
USNO  
AD5 Bg 22 Rm 220  
3450 Massachusetts Av NW  
Washington DC 20392 5100  
USA  
☎ 1 202 762 1520

**Muecket Jan P**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 90  
☎ 49 331 749 9200  
✉ jpmuecket@aip.de

**Mueller Ewald**  
MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 00  
☎ 49 893 299 3235

**Mueller Ivan I**  
Geodetic Science  
Ohio State Univ  
4361 Shire Creek Court  
Hilliard OH 43026  
USA  
☎ 1 614 876 7830  
☎ 1 614 876 7830  
✉ mueller@mps.ohio-state.edu

**Mueller Volker**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9521  
☎ 49 331 749 9352  
✉ vmueller@aip.de

**Muench Guido**  
Casa de Manana  
849 Coast Blvd  
La Jolla CA 92037  
USA  
☎ 1 619 454 2151  
☎ 1 619 454 7537

**Muerset Urs**  
Inst Astronomie  
ETH Zentrum  
CH 8092 Zurich  
Switzerland  
☎ 41 1 632 3633  
☎ 41 1 632 1205  
✉ muerset@astro.phys.ethz.ch

**Mufson Stuart Lee**  
Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405  
USA  
☎ 1 812 335 6927  
☎ 1 812 855 8725

**Muinonen Karri**  
Helsinki Univ  
Observ  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 19 12 2941  
☎ 358 19 12 2952  
✉ karri.muinonen@helsinki.fi

**Muinos Haro Jose L**  
Real Inst y Observatorio  
La Armada  
Plaza de las Marinias s/n  
E 11110 San Fernando  
Spain  
☎ 34 95 659 9000\*6605  
☎ 34 95 689 9366  
✉ ppmu@roa.es

**Mukai Koji**

NASA GSFC  
Code 660 2  
Greenbelt MD 20771  
USA

☎ 1 301 286 9447  
① 1 301 286 1684  
✉ mukai@  
lheaux.gsfc.nasa.gov

**Mukai Sonoyo**

Dpt Industrial Eng  
Kinki Univ  
Kowakae 3 4 1  
Osaka 577  
Japan

☎ 81 6 721 2332\*4007  
① 81 6 730 1320  
✉ mukai@im.kindai.ac.jp

**Mukai Tadashi**

Grad School Science / Tehc  
Kobe Univ  
Nada  
Kobe 657 8501  
Japan

☎ 81 788 03 5740  
① 81 788 03 5757  
✉ mukai@kobe-u.ac.jp

**Mukherjee Krishna**

Dpt Phys/Astronomy  
Slippery Rock Univ  
Pennsylvania  
327 Vincent Science  
Slippery Rock PA 16057  
USA

☎ 1 724 738 2858

**Mulholland John Derral**

Inst Azur Espace  
4 r de la Fontaine  
F 06620 Le Bar s Loup  
France

☎ 33 4 93 42 9385  
① 33 4 93 42 9385  
✉ Brigadee@  
rivieramail.com

**Mullaly Richard F**

31 Eden Av  
Turramurra NSW 2074  
Australia

**Mullan Dermott J**

Bartol Res Inst  
Univ Delaware  
Newark DE 19716  
USA

☎ 1 302 831 2170  
① 1 302 831 1843  
✉ mullan@bartol.udel.edu

**Muller Andre B**

Thopmaslaan 40  
NL 5631 GM Eindhoven  
Netherlands  
☎ 31 40 43 0322

**Muller Richard**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France

☎ 33 5 62 95 0069  
① 33 5 61 27 3179

**Muller Richard A**

Lawrence Berkeley Lab  
Univ California  
Bg 50 Rm 238  
Berkeley CA 94720  
USA

☎ 1 510 486 5235  
① 1 510 486 6738

**Muller Jr C A**

Odinksveld 8  
NL 7491 HD Delden  
Netherlands  
☎ 31 54 07 2428

**Mumford George S**

Dpt Phys/Astronomy  
Tufts Univ  
Robinson Hall  
Medford MA 02155  
USA

☎ 1 617 653 8923  
✉ gmumford@tufts.edu

**Muminov Muydinjon**

Andijan State University  
Universitetskaya ul. 129  
710020 Andijan  
Uzbekistan

✉ muminov@  
astrin.uzsci.net

**Mumma Michael Jon**

NASA GSFC  
Code 693  
Greenbelt MD 20771  
USA

☎ 1 301 286 6994  
✉ mmumma@  
lepvox.dnet.nasa.gov

**Munari Ulisse**

Osserv Astrisico  
Univ d Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy

☎ 39 042 460 0033  
① 39 042 460 0023  
✉ munari@pd.astro.it

**Mundt Reinhard**

MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 8227  
① 49 622 152 8246

**Mundy Lee G**

Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA

☎ 1 301 454 6650  
① 1 301 314 9067

**Munoz-Tunon Casiana**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain

☎ 34 2 260 5231  
① 34 2 260 5210  
✉ cmt@iac.es

**Munro Richard H**

Ball Aerospace Systems  
Div  
Box 1062  
Boulder CO 80306  
USA

☎ 1 303 939 4591  
① 1 303 939 4656  
✉ rmunro@ball.com

**Murakami Hiroshi**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan

☎ 81 427 51 3911\*2603  
① 81 427 59 4253  
✉ hmurakam@  
astro.isas.ac.jp

**Murakami Izumi**

Ntl Inst Fusion Sci  
Data/Planning Ctr  
Oroshi-cho  
Toki 509 5292  
Japan

☎ 81 572 58 2264  
① 81 572 58 2628  
✉ mizumi@nifs.ac.jp

**Murakami Toshio**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan

☎ 81 427 51 3911  
① 81 427 59 4253  
✉ murakami@  
astro.isas.ac.jp

**Muratorio Gerard**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France

☎ 33 4 95 04 4146  
① 33 4 91 62 1190  
✉ muratorio@  
observatoire.cnrs-mrs.fr

**Murdin Paul G**

Part Phys/Astron Res co  
Polaris House  
North Star Av  
Swindon SN22 1SZ  
UK

☎ 44 17 934 42075  
① 44 17 934 42036  
✉ murdinp@pparc.ac.uk

**Murdoch Hugh S**

Astrophysics Dpt  
Univ Sydney  
Sydney NSW 2006  
Australia

☎ 61 2 692 2222  
① 61 2 660 2903

**Murdock Thomas Lee**

General Res Corp  
Dpt Technology  
5 Cherry Hill  
Danvers MA 01923  
USA  
☎ 1 617 777 6323

**Mureddu Leonardo**

Stazione Astronomica  
Univ d Cagliari  
Via Ospedale 72  
I 09100 Cagliari  
Italy  
☎ 39 07 066 3544  
① 39 07 072 5425

**Muriel Hernan**

Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 421 4059  
① 54 351 421 0613  
✉ [muriel@uoac.uncor.edu](mailto:muriel@uoac.uncor.edu)

**Murphy Brian William**

Dpt Phys/Astronomy  
Butler Univ  
4600 Sunset Av  
Indianapolis IN 46208  
USA  
☎ 1 317 283 9282  
① 1 317 283 9950  
✉ [murphy@astrosun.tn.cornell.edu](mailto:murphy@astrosun.tn.cornell.edu)

**Murphy Robert E**

NASA Headquarters  
Code Y  
600 Independence Av SW  
Washington DC 20546  
USA  
☎ 1 202 453 1720

**Murray C Andrew**

Derwent Cottage  
12 Derwent Rd  
Meads  
Eastbourne BN20 7PH  
UK  
☎ 44 13 23 647 600  
① 44 13 23 647 600

**Murray Carl D**

Astronomy Unit  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 975 5456  
① 44 181 981 9587  
✉ [C.D.Murray@qmw.ac.uk](mailto:C.D.Murray@qmw.ac.uk)

**Murray John B**

Dpt Earth Sci  
Open Univ  
Walton Hall  
Milton Keynes MK7 6AA  
UK  
☎ 44 1908 652 118  
① 44 1908 655 151  
✉ [j.b.murray@open.ac.uk](mailto:j.b.murray@open.ac.uk)

**Murray Stephen S**

Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7205  
① 1 617 495 7356  
✉ [ssm@head-cfa.harvard.edu](mailto:ssm@head-cfa.harvard.edu)

**Murray Stephen David**

LLNL  
L 022  
Box 808  
Livermore CA 94550  
USA  
☎ 1 925 423 9382  
① 1 925 423 0925  
✉ [sdmurray@llnl.gov](mailto:sdmurray@llnl.gov)

**Murtagh Fionn**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0710  
① 33 3 88 15 0740  
✉ [fmurtagh@astro.u-strasbg.fr](mailto:fmurtagh@astro.u-strasbg.fr)

**Murthy Jayant**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 9250\*263  
① 91 13 037 364330  
✉ [jmurthy@yahoo.com](mailto:jmurthy@yahoo.com)

**Musatenko Sergij**

Astron Observ  
Observatorna Str 3  
254 053 Kyiv  
Ukraine  
☎ 380 4426 64457  
① 380 4426 64507  
✉ [musat@aoku.freenet.kiev.ua](mailto:musat@aoku.freenet.kiev.ua)

**Musen Peter**

PO Box 7335  
Gaithersburg MD 20898  
USA

**Mushotzky Richard**

NASA GSFC  
Code 662  
Greenbelt MD 20771  
USA  
☎ 1 301 286 7579  
① 1 301 286 1684  
✉ [mushotzky@lheapop.gsfc.nasa.gov](mailto:mushotzky@lheapop.gsfc.nasa.gov)

**Musielak Zdzislaw E**

NASA MSFC  
Space Science Lab  
Code ES 52  
Huntsville AL 35812  
USA  
☎ 1 205 544 7619  
① 1 205 547 7754

**Musman Steven**

NOAA  
Gioscience Lab  
1305 East West Highway  
Silver Spring MD 20910  
USA

**Mutel Robert Lucien**

Dpt Phys/Astronomy  
Univ Iowa  
605 Brookland Park Dr  
Iowa City IA 52242 1479  
USA  
☎ 1 319 335 1950  
① 1 319 335 1753

**Mutschlechner J Paul**

Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405  
USA  
☎ 1 812 855 6911  
① 1 812 855 8725

**Muxlow Thomas**

NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
① 44 147 757 1618

**Muzzio Juan C**

Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
① 54 221 421 1761  
✉ [jcmuzzio@fcaglp.fcaglp.unlp.edu.ar](mailto:jcmuzzio@fcaglp.fcaglp.unlp.edu.ar)

**Myachin Vladimir F**

Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
192187 St Petersburg  
Russia  
☎ 7 812 278 8898  
① 7 812 272 7968

**Myers Philip C**

Cfa  
HCO/SAO MS 42  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7295  
① 1 617 495 7345  
✉ [myers@cfa.harvard.edu](mailto:myers@cfa.harvard.edu)

## N

**Nacozy Paul E**

Federal Space Systems  
Box 26712  
Austin TX 78755  
USA  
☎ 1 512 467 6659

**Nadal Robert**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
☎ 33 5 61 27 3179  
✉ nadal@astro.obs-mip.fr

**Nadeau Daniel**

Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 6676  
☎ 1 514 343 2071

**Nadyozhin Dmitris K**

Inst Theor/Exper Phys  
Cheremushkinskaya Ul 25  
117259 Moscow  
Russia  
☎ 7 095 123 0292

**Nagase Fumiaki**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 51 3911  
☎ 81 427 59 4253  
✉ nagase@astro.isas.ac.jp

**Nagata Tetsuya**

Physics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 81  
Japan  
☎ 81 527 89 2926  
☎ 81 527 89 2922  
✉ nagata@zlab.phys.nagoya-u.ac.jp

**Nagendra K N**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672  
☎ 91 80 553 4043  
✉ knn@iiap.ernet.in

**Nagirner Dmitrij I**

Astron Observ  
St Petersburg Univ  
Bibliotechnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 257 9489  
☎ 7 812 428 4259

**Nagnibeda Valery G**

Astron Observ  
St Petersburg Univ  
Bibliotechnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 257 9491  
☎ 7 812 428 4259

**Nagovitsyn Yuri A**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 1997  
☎ 7 812 315 1701  
✉ sol@gaoran.spb.ru

**Nahon Fernand**

25 Av de L'Europe  
F 92310 Sevres  
France  
☎ 33 1 45 34 1805

**Naidenov Victor O**

Ife Physical Tech Inst  
Acad Sciences  
Polytechnicheskaya Ul 26  
194021 St Petersburg  
Russia  
☎ 7 812 247 9167  
☎ 7 812 247 1017

**Nair Sunita**

RRI  
C. V. Raman Ave.  
Sadashinvanagar  
Bangalore 560080  
India  
☎ 91 80 334 0126  
☎ 91 80 334 0492  
✉ sunita@rri.res.in

**Najid Nur-Eddine**

Univ Hassan II Ain Chock  
Fac Sc Astron/Astrophys  
BP 5366 Maarif  
Casablanca  
Morocco  
☎ 212 2 398 825  
☎ 212 2 230 674  
✉ najid.nour\_eddine@caramail.com

**Nakada Yoshikazu**

Kiso Observ  
Inst Astronomy  
Mitake Kiso  
Nagano 397 01  
Japan  
☎ 81 264 52 3360  
☎ 81 264 52 3361  
✉ lnakada@l.mtk.nao.ac.jp

**Nakagawa Naoya**

4 16 5 Tsurukawa  
Machida 195 0061  
Japan  
☎ 81 424 83 2161

**Nakagawa Takao**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 42 759 8370  
☎ 81 42 786 7202  
✉ nakagawa@astro.isas.ac.jp

**Nakagawa Yoshinari**

Chiba Inst Technology  
Narashino 275  
Japan  
☎ 81 474 75 2111

**Nakagawa Yoshitsugu**

Dpt Earth/Planet Sci  
Kobe Univ  
Nada  
Kobe 657 8501  
Japan  
☎ 81 788 03 0563  
☎ 81 788 82 1549  
✉ yoshi@saturn.phys.kobe-u.ac.jp

**Nakai Naomasa**

Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 1305  
Japan  
☎ 81 267 98 4392  
☎ 81 267 98 2884  
✉ nakai@nro.nao.ac.jp

**Nakai Yoshihiro**

Kwasan/Hida Observ  
Kyoto Univ  
Yamashina  
Kyoto 607  
Japan  
☎ 81 755 81 1235  
☎ 81 755 93 9617

**Nakajima Hiroshi**

Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan  
☎ 81 267 98 2034  
☎ 81 267 98 2884

**Nakajima Junichi**  
 Communications Research  
 Laboratory  
 Kashima Space Res Center  
 893 Hirai Kashima-city  
 Ibaraki 314-0012  
 Japan  
 ☎ 81 299 7145  
 ☎ 81 299 7159  
 ✉ nakaji@crl.go.jp

**Nakajima Koichi**  
 Lab Astron/Geophys  
 Hitotsubashi Univ  
 Naka 2 1 Kunitachi  
 Tokyo 186  
 Japan  
 ☎ 81 42 580 8934  
 ☎ 81 267 98 2884  
 ✉ nakajmki@  
 higashi.hit-u.ac.jp

**Nakajima Tadashi**  
 NAOJ  
 2 21 1 Osawa  
 Mitaka 181 8588  
 Japan  
 ☎ 81 422 34 3532  
 ☎ 81 422 34 3527  
 ✉ tadashi.nakajima@  
 nao.ac.jp

**Nakamoto Taishi**  
 Ctr for Comput Physics  
 Univ Tsukuba  
 Tennoudai 1 1 1  
 Tsukuba 305 Ibaraki  
 Japan  
 ☎ 81 298 53 6490  
 ☎ 81 298 53 6406  
 ✉ nakamoto@  
 rccp.tsukuba.ac.jp

**Nakamura Akiko M**  
 ISAS  
 3 1 1 Yoshinodai  
 Sagamihara  
 Kanagawa 229 8510  
 Japan  
 ☎ 81 427 51 3911  
 ☎ 81 427 59 4237  
 ✉ akiko@  
 planeta.sci.isas.ac.jp

**Nakamura Fumitaka**  
 Faculty Education / Human  
 Sciences  
 Niigata Univ  
 8050 Ikarashi-2  
 Niigata 950-2181  
 Japan  
 ☎ 81 25 262 7148  
 ☎ 81 25 264 2026  
 ✉ fnakamur@  
 ed.niigata-u.ac.jp

**Nakamura Takashi**  
 Physics Dpt  
 Kyoto Univ  
 Sakyo Ku  
 Kyoto 606 01  
 Japan  
 ☎ 81 757 53 7008  
 ☎ 81 757 53 7010

**Nakamura Takuji**  
 Radio Science Center for  
 Space and Atmosphere  
 Kyoto Univ  
 Kyoto 611-0011  
 Japan  
 ☎ 81 817 743 83815  
 ☎ 81 817 743 18463  
 ✉ nakamura@  
 kurasc.kyoto-u.ac.jp

**Nakamura Tsuko**  
 Tokyo Astron Observ  
 NAOJ  
 Osawa Mitaka  
 Tokyo 181  
 Japan  
 ☎ 81 381 22 111  
 ☎ 81 422 34 3698  
 ✉ nakamura@  
 cl.mtk.nao.ac.jp

**Nakamura Yasuhisa**  
 Dpt Sci Education  
 Fukushima Univ  
 Matsukawa Machi  
 Fukushima 960 12  
 Japan  
 ☎ 81 245 48 8200  
 ☎ 81 245 48 3181  
 ✉ nakamura@  
 educ.fukushima-u.ac.jp

**Nakano Makoto**  
 Fac Education  
 Oita Univ  
 700 Dannoharu  
 Oita 870 11  
 Japan  
 ☎ 81 975 69 3311\*360  
 ☎ 81 975 68 8319  
 ✉ mnakano@  
 cc.oita-u.ac.jp

**Nakano Syuichi**  
 3 19 1 Chomo  
 Takenokuchi Sumoto  
 Hyogo Ken 656  
 Japan

**Nakano Takenori**  
 Dpt Physics  
 Kyoto Univ  
 Kitashirakawa, Sakyo-ku  
 Kyota 606-8502  
 Japan  
 ☎ 81 75 753 3881  
 ☎ 81 75 753 3886  
 ✉ nakano@  
 tap.scphys.kyoto-u.ac.jp

**Nakariakov Valery**  
 School Maths/Comp Sci  
 Univ St Andrews  
 North Haugh  
 St Andrews Fife KY16 9SS  
 UK  
 ☎ 44 1334 76161  
 ☎ 44 1334 74487  
 ✉ valery@  
 dcs.st-andrews.ac.uk

**Nakayama Kunji**  
 Fac Education  
 Kochi Univ  
 Kochi 780  
 Japan  
 ☎ 81 888 44 8417  
 ☎ 81 888 44 8453  
 ✉ knakayam@  
 cc.kochi-u.ac.jp

**Nakayama Shigeru**  
 3 7 11 Chuou  
 Nakano Ku  
 Tokyo 164  
 Japan

**Nakazawa Kiyoshi**  
 Tokyo Inst Tech  
 Ohokayama 2-12-1  
 Meguroku Tokyo 152  
 Japan

**Namba Osamu**  
 Marco Pololaan 319  
 NL 3526 GE Utrecht  
 Netherlands

**Namboodiri P M S**  
 IIA  
 Koramangala  
 Sarjapur Rd  
 Bangalore 560 034  
 India  
 ☎ 91 80 553 0672  
 ☎ 91 80 553 4043  
 ✉ pmsn@iiap.ernet.in

**Nambu Yasusada**  
 Physics Dpt  
 Nagoya Univ  
 Furocho Chikusa Ku  
 Nagoya 464 01  
 Japan  
 ☎ 81 527 89 2913  
 ☎ 81 527 89 2916  
 ✉ nambu@  
 allegro.phys.nagoya-u.ac.jp

**Nan Rendong**  
 Beijing Astron Observ  
 CAS  
 Beijing 100012  
 China PR  
 ☎ 86 10 6487 7288  
 ☎ 86 10 6488 8704  
 ✉ nrd@bao.ac.cn

**Napier William M**  
 Armagh Observ  
 College Hill  
 Armagh BT61 9DG  
 UK  
 ☎ 44 18 61 522 928  
 ☎ 44 18 61 527 174  
 ✉ wmn@star.arm.ac.uk

**Napiwotzki Ralf**  
 Dr Remeis Sternwarte  
 Univ Erlangen-Nuernberg  
 Sternwartstr 7  
 D 96049 Bamberg  
 Germany  
 ☎ 49 951 952 2217  
 ☎ 49 951 952 2222  
 ✉ napiwotzki@  
 sternwarte.uni-erlangen.de



**Naqvi S I H**

Physics Dpt  
Univ Regina  
Regina  
Saskatchewan S4S 0A2  
Canada  
☎ 1 306 585 4258  
☎ 1 306 585 4894  
✉ naqvi@  
max.cc.uregina.ca

**Narain Udit**

Astrophys Res Gp  
Meeut College  
Meerut 250 001  
India

**Naranan S**

TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 219 111  
☎ 91 22 215 2110

**Narasimha Delampady**

TIFR  
Homi Bhabha Marg  
Navy Nagar Colaba  
Mumbai MH 400 085  
India  
☎ 91 22 215 2311  
☎ 91 22 215 2110

**Narayan Ramesh**

CfA  
HCO/SAO MS 51  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7000  
☎ 1 617 495 7356

**Narayana J V**

Regional Meteorological  
Office  
4 College Rd  
Madras 600 006  
India

**Nariai Kyoji**

Pr. Dept Physics  
Hodokubo 2-2-1  
Hino City  
Tokyo 191 8506  
Japan  
☎ 81 425 91 7198  
☎ 81 425 91 8181  
✉ nariaikj@  
phys.mesei-uac.jp

**Narita Shinji**

Doshisha Univ  
Kyoto 602  
Japan

**Narlikar Jayant V**

IUCAA  
PO Box 4  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 020 351513  
☎ 91 020 356417  
✉ jvn@iucaa.ernet.in

**Nasiri Sadollah Gheidari**

Physics Dpt  
Univ Zanjan  
Km6 Tabriz Rd 45195 313  
Zanjan  
Iran  
☎ 98 2821 27001 4

**Natali Giuliano**

IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
☎ 39 06 206 60188  
✉ somp@  
saturn.rm.fra.cnr.it

**Nath Biman B**

RR1  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0126  
☎ 91 80 334 0492  
✉ biman@rri.ernet.in

**Nath Mishra Kameshwar**

Bhilai Inst Tech  
Durg 491 001 MP  
India  
☎ 91 788 323 997  
☎ 91 788 358 361

**Nather R Edward**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 4461  
☎ 1 512 471 6016

**Natta Antonella**

Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2239  
☎ 39 055 220 039  
✉ natta@arcetri.astro.it

**Naumov Vitalij A**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
☎ 7 812 315 1701

**Navarro Julio Fernando**

Dpt Physics / Astron  
Univ Victoria  
Elliott Building  
3800 Finnerty Road  
Victoria BC V8P 1A1  
Canada  
☎ 1 250 721 6644  
☎ 1 250 721 7712  
✉ jfn@uvic.ca

**Nave Gilliam**

NIST  
Stop 8421  
100 Bureau Dr  
Gaithersburg MD 20899  
8421  
USA  
☎ 1 301 975 5485  
☎ 1 301 990 1350  
✉ gnave@nist.gov

**Nawar Samir**

NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
☎ 20 62 21 405 297  
✉ altadress@fruc.eun.eg

**Neckel Heinz**

Gorch-Fock-Str. 2  
D 21465 Reinbek  
Germany

**Neckel Th**

MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 8288  
☎ 49 622 152 8246

**Nedialkov Petko L**

Dpt Astronomy  
Univ Sia Kliment Ohridski  
5 James Bourchier Blvd  
BG 1164 Sofia  
Bulgaria  
☎ 359 2 62 56 716  
☎ 359 2 62 52 76  
✉ japet@phys.uni-sofia.bg

**Nee Tsu-Wei**

Physics Dpt  
Ntl Central Univ  
Chung Li Taiwan 32054  
China R  
☎ 886 3 462 2302  
☎ 886 3 426 2304

**Neeman Yuval**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 640 9279  
☎ 972 3 640 8179

**Neeser Mark J**

Inst Astron/Astrophysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 5994  
☎ 49 89 2180 6003  
✉ neeser@  
usm.uni-muenchen.de

**Nefedeva Antonina I**

Engelhardt Astronom  
Observ  
Observatoria Station  
422526 Kazan  
Russia  
☎ 7 32 4827

**Neff James Edward**

Dpt Phys/Astronomy  
Coll Charleston  
Charleston SC 29424  
USA

☎ 1 803 953 5593  
☎ 1 803 953 4824  
✉ neffj@cofc.edu

**Neff John S**

Dpt Phys/Astronomy  
Univ Iowa  
605 Brookland Park Dr  
Iowa City IA 52242 1479  
USA

☎ 1 319 353 4340  
☎ 1 319 335 1753

**Neff Susan Gale**

NASA GSFC  
Code 684 1  
Greenbelt MD 20771  
USA

☎ 1 301 286 5137  
☎ 1 301 286 8709  
✉ neff@  
cobbler.gsfc.nasa.gov

**Neidig Donald F**

AFGL  
NSO  
Sunsport NM 88349  
USA

☎ 1 505 434 7000  
☎ 1 504 434 7029

**Neizvestny Sergei**

SAO  
Acad Sciences  
Nizhniy Arkhyz  
357147 Karachaevo  
Russia

☎ 7 878 784 6278  
☎ 7 96 908 2861  
✉ nws@sao.ru

**Nelson Alistair H**

Physics Dpt  
Univ Wales College  
Box 913  
Cardiff CF1 3TH  
UK

☎ 44 12 22 874 785  
☎ 44 12 22 371 921  
✉ nelsona@uk.ac.cardiff

**Nelson Burt**

Astronomy Dpt  
San Diego State Univ  
San Diego CA 92182  
USA

☎ 1 619 265 6175  
☎ 1 619 594 1413  
✉ nelson@  
minaka.sdsu.edu

**Nelson George Driver**

AAAS  
PO Box 34446  
133 H St. NW  
Washington DC 20005  
USA

☎ 1 202 328 2010  
☎ 1 202 234 2560  
✉ gnelson@aaas.org

**Nelson Graham John**

CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia

☎ 61 2 868 0222  
☎ 61 2 868 0310  
✉ gnelson@atnf.csiro.au

**Nelson Jerry E**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA

☎ 1 831 459 2513  
☎ 1 831 426 3115

**Nelson Robert M**

CALTECH/JPL  
MS 183 501  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA

☎ 1 213 354 6893  
☎ 1 818 393 6030

**Nemec James**

Intl Statistics /  
Research Corp  
Box 496  
Brentwood Bay BC V8M  
1R3  
Canada

✉ nemec@dao.nrc.ca

**Nemiroff Robert**

Michigan Technical Univ  
Physics Dpt  
1400 Townsend Dr  
Houghton MI 49931  
USA

☎ 1 906 487 2198  
✉ nemiroff@mtu.edu

**Nesci Roberto**

Dipt di Fisica  
Univ d Roma La Sapienza  
Pl A Moro 2  
I 00185 Roma  
Italy

☎ 39 06 4991 4855  
☎ 39 06 446 3158  
✉ Roberto.Nesci@  
uniroma1.it

**Nesis Anastasios**

Kiepenheuer Inst  
Sonnephysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany

☎ 49 761 382067  
☎ 49 761 32280

**Neslusan Lubos**

Astron Inst  
Slovak Academy Sci  
SK 05960 Tatranska  
Lomnica  
Slovakia

☎ 421 969 446 7866  
☎ 421 969 446 7656  
✉ ne@ta3.sk

**Ness Norman F**

Bartol Res Inst  
Univ Delaware  
Newark DE 19716  
USA

☎ 1 302 451 8116  
☎ 1 302 510 6665

**Nesterov Nikolai S**

RT 22  
Katsiveli  
334247 Crimea  
Ukraine

☎ 380 6547 27952  
☎ 380 6557 27961  
✉ nesterov@  
rt22.crimea.ua

**Netzer Hagai**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel

☎ 972 3 545 0208  
☎ 972 3 640 8179

**Netzer Nathan**

ORT Braude College  
PO Box 78  
21982 Karmiel  
Israel

☎ 972 4 990 1951

**Neuforge Corinne M.-L.**

Applied Physics Div  
LANL  
X2 MS B 220  
Los Alamos NM 87545  
USA

☎ 1 505 665 3688  
☎ 1 505 665 8326  
✉ neuforge@lanl.gov

**Neugebauer Gerry**

CALTECH  
MS 320 47  
Downes Lab Box Physics  
Pasadena CA 91125  
USA

☎ 1 818 356 4284  
☎ 1 818 796 8806

**Neukirch Thomas**

Mathematics Dpt  
Univ St Andrews  
St Andrews North Haugh  
Fife KY16 9SS  
UK

☎ 44 13 34 463 713  
☎ 44 13 34 463 748  
✉ thomas@  
dcs.st-andrews.ac.uk

**Neukum G**

DLR  
Inst f Planetenerkundg  
Rudower Chaussee 5  
D 12489 Berlin  
Germany

☎ 49 306 954 5300  
☎ 49 306 954 5303

**Neupert Werner M**

817 E Moorhead Circle  
Boulder CO 80303  
USA

**Neuzil Ludek**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7331  
☎ 420 288 1611  
✉ astsun@csearn

**Neves de Araujo Jose Carlos**

IAG/USP  
Miguel Stefano 4200  
04301 904 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599\*235  
☎ 55 11 577 8599  
✉ jcarlos@  
andromeda.iagusp.usp.br

**New Roger**

Sheffield Hallam Univ  
City Campus  
Pond St  
Sheffield S1 1WB  
UK  
☎ 44 1142 533 056  
☎ 44 1142 533 085  
✉ r.new@shu.ac.uk

**Newburn Jr Ray L**

CALTECH/JPL  
MS 169 237  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 2319  
☎ 1 818 393 4619  
✉ ray@sch5.jpl.nasa.gov

**Newell Edward B**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 881 111  
☎ 61 262 490 233

**Newhall X X**

25913 Carillo Dr  
Valencia CA 91355 2147  
USA  
☎ 1 805 259 9999  
☎ 1 805 254 4444  
✉ xxn@logos.jpl.nasa.gov

**Newman Michael John**

LANL  
MS B220 X 2  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 7698  
☎ 1 505 665 4055

**Newsom Gerald H**

Astronomy Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 422 7082  
☎ 1 614 292 2928  
✉ gnewsom@  
astronomy.ohio-state.edu

**Newton Gavin**

Dpt Phys/Astronomy  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855\*4196  
☎ 44 14 13 349 029

**Newton Robert R**

APL  
JHU  
Johns Hopkins Rd  
Laurel MD 20723 6099  
USA  
☎ 1 301 953 7100  
☎ 1 301 953 1093

**Nezlin Mikhail**

RRC Kurchatov Inst  
Kurchatov Sq 1  
123182 Moscow  
Russia  
☎ 7 095 196 7976  
☎ 7 095 943 0073  
✉ nezlin@  
wowa.net.kiae.su

**Ng Kin-Wang**

Inst Physics  
Academia Sinica  
Taipei 11529  
China R  
☎ 886 2 782 3075  
☎ 886 2 783 4187  
✉ phkwng@twnas886

**Nguyen Mau Tung**

Committee for Space Res  
201 K16 Bach Khoa  
Box 429 Bo Ho  
Ha Noi 10 000  
Vietnam  
☎ 84 42 258 333  
☎ 84 42 524 83

**Nguyen-Quang Rieu**

Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2103  
☎ 33 1 40 51 2002

**Nha Il-Seong**

Yonsei Univ Observ  
134 Sinchon-dong  
Seodaemun ku  
Seoul 120 449  
Korea RP  
☎ 82 392 20 131  
☎ 82 236 50 937  
✉ slisnha@chollian.net

**Niarchos Panayiotis**

Astronomy Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414  
☎ 30 1 723 5122

**Niazzy Adnan Mohammad**

KACST  
Box 6086  
Riyadh 11442  
Saudi Arabia  
☎ 966 1 488 3751  
☎ 966 1 488 3756

**Nicastro Luciano**

TeSRE  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 8667  
☎ 39 051 639 8723  
✉ nicastro@tesre.bo.cnr.it

**Nicholls Jennifer**

School Physics  
UNSW  
RCFTA  
Sydney NSW 2006  
Australia  
☎ 61 2 9385 2621  
☎ 61 2 9385 2903  
✉ jan@physics.su.oz.au

**Nicholls Ralph W**

Dpt Phys/Astronomy  
York Univ  
4700 Keele St  
North York ON M3J 1P3  
Canada  
☎ 1 416 736 5247  
☎ 1 416 736 5626  
✉ fs300003@yusol

**Nichols-Bohlin Joy**

CfA  
HCO/SAO  
60 Garden St Code 34  
Cambridge MA 02138  
USA  
☎ 1 617 496 7149  
☎ 1 617 496 7067  
✉ jnichols@  
cfa.harvard.edu

**Nicolaidis Efthymios**

NRF  
48 Vas Constantinou Av  
GR 116 35 Athens  
Greece  
☎ 30 1 721 0554  
☎ 30 1 724 6212  
✉ efnicol@eie.gr

**Nicolas Kenneth Robert**

11676 Mediterranean Court  
Reston VA 20190  
USA  
☎ 1 301 227 4594  
☎ 1 301 227 4511  
✉ nicolas@dt.navy.mil

**Nicolet Bernard**

Observ  
Chemin d Maillettes 51  
CH 1290 Saouerny  
Switzerland  
☎ 41 22 755 2611  
☎ 41 22 755 3983  
✉ bernard.nicolet@  
obs.unige.ch

**Nicoll Jeffrey Fancher**  
Inst Defense Analyses  
1801 N Beauregard St  
Alexandria VA 22311  
USA

☎ 1 703 578 2987  
📞 1 703 578 2877  
✉ jnicoll@ida.org

**Nicollier Claude**  
NASA JSC

Code CB  
Houston TX 77058  
USA

☎ 1 713 244 8888  
📞 1 713 244 8873  
✉ claude.nicollier1@  
jsc.nasa.gov

**Nicolov Nikolai S**

Astronomy Dpt  
Univ Sia  
Anton Ivanov St 5  
BG 1126 Sofia  
Bulgaria

☎ 359 2 68 8176  
📞 359 2 68 9085

**Nicolson George D**  
Hartebeesthoek RAO

FRD  
PO Box 443  
1740 Krugersdorp  
South Africa  
☎ 27 11 642 4692  
📞 27 11 642 2446

**Nicolson Iain**

Clachandubh House  
Balvicar  
Oban  
Argyll PA34 4RA  
UK  
☎ 44 18 52 300 588  
📞 44 18 52 300 588  
✉ iain@  
clachandubh.demon.co.uk

**Niedner Malcolm B**

NASA GSFC  
Code 680  
Greenbelt MD 20771  
USA  
☎ 1 301 286 2000

**Niedzielski Andrzej**

Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland

☎ 48 56 26 018  
📞 48 56 24 602  
✉ aniedzi@  
astri.uni.torun.pl

**Niell Arthur E**

Haystack Observ  
Westford MA 01886  
USA

☎ 1 617 692 4764  
📞 1 617 981 0590

**Niemela Virpi S**

Observ  
Paseo d Bosque s/n  
1900 La Plata (Bs As)  
Argentina

☎ 54 221 4217 308  
📞 54 221 4211 761  
✉ virpi@  
fcaglp.unlp.edu.ar

**Niemi Aimo**

Turku Univ  
Tuorla Observ  
Vaeisaelaentie 20  
FIN 21500 Piikkio  
Finland  
☎ 358 2 274 4268  
📞 358 2 243 3767

**Nieuwenhuijzen Hans**

Sterrekundig Inst Utrecht  
Box 80000  
NL 3508 TA Utrecht  
Netherlands  
☎ 31 30 253 5237  
📞 31 30 253 1601

**Nikitin Alexsey A**

Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 293 2262  
📞 7 812 428 4259

**Nikoghossian Arthur G**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia

☎ 374 88 52 28 3453/4142  
📞 374 88 52 52 3640

**Nikoloff Ivan**

Perth Observ  
Walnut Rd  
Bickley WA 6076  
Australia  
☎ 61 8 92 93 1865  
📞 61 8 92 93 8138

**Nikolov Andrej**

Astronomy Dpt  
Univ Sia Kliment Ohridski  
5 James Bouchier Blvd  
BG 1164 Sofia  
Bulgaria

☎ 359 2 54 4852  
📞 359 2 68 9085

**Nilson Peter**

Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
📞 46 18 471 5999

**Nilsson Carl**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7461  
📞 1 617 495 7356

**Nilsson Kari J**

Turku Univ  
Tuorla Observ  
Vaeisaelaentie 20  
FIN 21500 Piikkio  
Finland  
☎ 358 2 274 4275  
📞 358 2 243 3767  
✉ kari@astro.utu.fi

**Ninkov Zoran**

Ctr for Imaging Sci  
Rochester Inst  
Technology  
Rochester NY 14623 5604  
USA

☎ 1 716 475 7195  
📞 1 716 475 5988  
✉ zxnpci@borg.cis.rit.edu

**Ninkovic Slobodan**

Astron Observ  
Vofgina 7  
11160 Beograd  
Yugoslavia FR  
☎ 381 1 141 9357  
📞 381 1 141 9553  
✉ sninkovic@  
aob.bg.ac.yu

**Nishi Keizo**

4-3-16-11-402 Nishihara-Cho  
Tanashi  
Tokyo 188 0004  
Japan

**Nishi Ryoichi**

Physics Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 53 3880  
📞 81 757 53 3886  
✉ nishi@  
tap.scphys.kyoto-u.ac.jp

**Nishida Minoru**

Physics Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 53 7008  
📞 81 757 53 7010

**Nishida Mitsugu**

Dpt Literature  
Kobe Women-s Univ  
Suma Ku  
Kobe 654  
Japan  
☎ 81 787 31 4416

**Nishikawa Jun**

Ntl Astron Observ  
2-21-1 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3643  
☎ 81 422 34 3608  
✉ nishikawa@  
optik.mtk.nao.ac.jp

**Nishikawa Ken-Ichi**

Dpt Physics / Astron  
Rutgers Univ  
Box 849  
Piscataway NJ 08854 0849  
USA  
☎ 1 973 762 2788  
☎ 1 732 445 4343  
✉ kenichi@  
physics.rutgers.edu

**Nishimura Jun**

Inst Space/Aeron Sci  
Univ Tokyo  
Meguro Ku  
Tokyo 153  
Japan  
☎ 81 346 71 111\*388  
☎ 81 334 85 2904

**Nishimura Masaki**

Japan Technical Stware  
14-14 Nishi-3 Kita 21-jo  
Kitaku Sapporo  
Hokkaido 001 0911  
Japan

**Nishimura Shiro Emer**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3761  
☎ 81 422 34 3793  
✉ bnishim@  
c.l.mtk.nao.ac.jp

**Nishimura Tetsuo**

Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 2054  
☎ 1 520 621 1532

**Nishio Masanori**

Dpt Physics  
Kagoshima Univ  
21-35 Kohrimoto  
Kogoshima 890 0065  
Japan  
☎ 81 99 285 8960  
☎ 81 99 285 8960  
✉ nishio@  
sci.kogoshima-u.ac.jp

**Nissen Poul E**

Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 86 12 8899  
☎ 45 86 12 0740  
✉ pen@obs.aau.dk

**Nittmann Johann**

Digital Equipment Cbr  
Favoritenstr 7  
A 1040 Wien  
Austria  
☎ 43 1 505 48 7012  
☎ 43 1 505 48 7022  
✉ johannnittmann@  
cbt.mts.dec.com

**Nityananda Ram**

NCRA TIFR  
Pune Univ Campus Pb 3  
Ganeshkhind  
Pune 411007  
India  
☎ 91 20 565 138485  
☎ 91 20 565 7257  
✉ najaram@  
ncra.tifr.res.in

**Nobili Anna M**

Dpt Matematica  
Univ d Pisa  
Via Buonarroti 2  
I 56127 Pisa  
Italy

**Nobili L**

Dpt Fisica G Galilei  
Univ d Padova  
Via Marzolo 8  
I 35131 Padova  
Italy  
☎ 39 049 84 4205\*111  
☎ 39 049 84 4245

**Nocera Luigi**

Ist Atomica/Molecolare  
Univ d Pisa  
Via Giardino 7  
I 56127 Pisa  
Italy  
☎ 39 050 501 384  
☎ 39 050 251 75  
✉ bistab @ icnucevrm

**Noci Giancarlo**

Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
☎ 39 055 220 039  
✉ noci@arcetri.astro.it

**Noel Fernando**

Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
☎ 56 2 229 4002  
✉ fnoel@das.uchile.cl

**Noels Arlette**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
☎ 32 4 254 7511  
✉ noels@astro.ulg.ac.be

**Noens Jacques-Clair**

OMP  
57 r d' Azereix  
F 65008 Tarbes Cedex  
France  
☎ 33 5 62 56 6029  
☎ 33 5 62 34 6763  
✉ noens@bagn.obs-mip.fr

**Noerdlinger Peter D**

NASA GSFC  
Code 902  
Greenbelt MD 20771  
USA  
☎ 1 301 614 5475  
☎ 1 301 614 5268  
✉ pnoerdli@eos.hitc.com

**Noguchi Kunio**

Div Optical / Infrared Ast  
NAOJ  
Osawa Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3519  
☎ 81 422 34 3527  
✉ knoguchi@  
optik.mtk.nao.ac.jp

**Noguchi Masafumi**

Astron Inst  
Tohoku Univ  
Aoba Ku  
Sendai 980 8578  
Japan  
☎ 81 22 217 6507  
☎ 81 22 217 6513  
✉ noguchi@  
astr.tohoku.ac.jp

**Noh Hyerim**

Senior Res Scientist  
Korea Astronomy Obs  
San 36 1 Hwaam-dong  
Yusung gu Taejeon  
Korea RP  
☎ 82 428 65 3332  
☎ 82 563 36 9450  
✉ hr@hanul.issa.re.kr

**Noll Keith Stephen**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 5080  
☎ 1 410 338 4767  
✉ noll@  
snoqualm.stsci.edu

**Nollez Gerard**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8142  
☎ 33 1 44 32 8001  
✉ nollez@iap.fr

**Nomoto Ken'ichi**

Astronomy Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 358 00 6882  
① 81 338 13 9439  
✉ nomoto@  
astron.s.u-tokyo.ac.jp

**Noonan Thomas W**

2133 Lynbridge Dr  
Charlotte NC 28270  
USA  
☎ 1 704 362 5896  
① 1 704 362 3300

**Norci Laura**

Dunsink Observ  
DIAS  
Castleknock  
Dublin 15  
Ireland  
☎ 353 1 387 911  
① 353 1 387 090  
✉ ln@dunsink.dias.ie

**Nordh Lennart H**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 717 0195  
① 46 8 717 4719  
✉ nordh@astro.su.se

**Nordlund Aake**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5968  
① 45 35 32 5989

**Nordstroem Birgitta**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5950  
① 45 35 32 5989  
✉ birgitta@astro.ku.dk

**Norgaard-Nielsen Hans U**

Danish Space Res Inst  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5728  
① 45 35 36 2475

**Noriega-Crespo Alberto**

Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 685 2155  
① 1 206 685 0403  
✉ aipsac@  
phast.phys.washington.edu

**Norman Colin A**

CAS  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 7329  
① 1 410 338 5090  
✉ norman@stsci.edu

**Norris John**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 881 111  
① 61 262 490 233  
✉ jen@mso.anu.edu.au

**Norris Raymond Paul**

CSIRO / ATNF  
Box 76  
Epping NSW 1710  
Australia  
☎ 61 2 9372 4416  
① 61 2 9372 4310  
✉ ray.norris@  
atnf.csiro.au

**North John David**

28 Chalfont Road  
A Weg 30  
Oxford OX2 6TH  
UK  
☎ 44 1865 558458

**North Pierre**

Inst Astronomie  
Univ Lausanne  
CH 1290 Chavannes d Bois  
Switzerland  
☎ 41 22 755 2611  
① 41 22 755 3983  
✉ Pierre.north@  
obs.unige.ch

**Norton Andrew J**

Dpt Physcis / Astron  
Open Univ  
Walton Hall  
Milton Keynes MK7 6AA  
UK  
☎ 44 1908 654121  
① 44 1908 654 192  
✉ A.J.Norton@open.ac.uk

**Noskov Boris N**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2858  
① 7 095 939 0126

**Notni P**

Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 90  
✉ pnotni@aip.de

**Nottale Laurent**

Observ  
DAEC  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7403  
① 33 1 45 07 7123  
✉ Laurent.Nottale@  
obspm.fr

**Noumaru Junichi**

Subaru Telescope  
NAOJ  
650 N A'Ohoku Place  
Hilo HI 96720  
USA  
☎ 1 808 934 5088  
① 1 808 934 5984  
✉ noumaru@naoj.org

**Novello Mario**

Ctr Bras Pesquisas Fisic  
Rua Dr Xavier Sigaud  
150 Urca  
22290 Rio de Janeiro RJ  
Brazil  
☎ 55 21 541 0337

**Novick Robert**

Physics Dpt  
Columbia Univ  
538 W 120th St  
New York NY 10027  
USA  
☎ 1 212 280 3293  
✉ rn@  
cuphy3.phys.columbia.edu

**Novikov Igor D**

Theoretical Astrophysics  
Centre  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5901  
① 45 35 32 5910  
✉ novikov@nordita.dk

**Novikov Sergej B**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2858  
① 7 095 939 0126

**Novoselov Victor S**

Astron Observ  
St Petersburg Univ  
Bibliotechnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 257 9491  
① 7 812 428 4259

**Novosyadlyj Bohdan**

Astron Observ  
Lviv State Univ  
Kyryla i Mephodia st 8  
79005 Lviv  
Ukraine  
☎ 380 322 72 9088  
① 380 322 72 9088  
✉ novos@  
astro.franko.lviv.ua

**Novotny Jan**

Dpt General Physics  
Masaryk Univ  
Kotlarska 2  
CZ 611 37 Brno  
Czech Rep  
☎ 420 5 4112 9466  
☎ 420 5 4121 1214  
✉ novotny@  
elanor.sci.muni.cs

**Noyes Robert W**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7424  
☎ 1 617 495 7356  
✉ noyes@cfa.harvard.edu

**Nugis Tiit**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 410 265  
☎ 372 7 410 205

**Nulsen Paul**

Physics Dpt  
Univ Wollongong  
Northfields Av  
Wollongong NSW 2522  
Australia  
☎ 61 2 422 13523  
☎ 61 2 422 15944  
✉ pejn@uow.edu.au

**Nunez Jorge**

Observatori Fabra  
Cami de l'Obsevatorio  
Favra s/n  
E 08035 Barcelona  
Spain  
☎ 34 93 402 1129  
☎ 34 93 402 1133  
✉ jorge@am.ub.es

**Nunez Josue Arturo**

Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 217 308  
☎ 54 221 258 985  
✉ jan@fcaglp.edu.ar

**Nuritdinov Salakhutdin**

Astron Inst  
Uzbek Acad Sci  
Astronomicheskaya Ul 33  
700052 Tashkent  
Uzbekistan  
☎ 998 3712 35 8102  
☎ 998 3711 44 7728  
✉ snur@tsu.silk.org

**Nussbaumer Harry**

Inst Astronomie  
ETH Zentrum  
CH 8092 Zurich  
Switzerland  
☎ 41 1 632 3631  
☎ 41 1 632 1205

**Nusser Adi**

Physics Dept  
Technion  
Israel Institute Box Tecn  
Haifa 32000  
Israel  
☎ 972 4 829 36  
☎ 972 4 822 1514

**Nuth Joseph A III**

NASA GSFC  
Code 691  
Greenbelt MD 20771  
USA  
☎ 1 301 286 9467

**Nyman Lars-Aake**

Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5500  
☎ 46 31 772 5550

## O

**Obashev Saken O**

Astrophys Inst  
Kazakh Acad Sci  
480068 Alma Ata  
Kazakstan  
☎ 7 62 4040

**Obi Shinya**

Univ the Air  
2-11 Wakaba  
Mihama Ku  
Chiba 261 8586  
Japan  
☎ 81 43 276 5111  
① 81 43 276 6130

**Oblak Edouard**

Observ  
41bis Av Observatoire  
BP 1615  
F 25000 Besancon Cdx  
France  
☎ 33 3 81 66 6933  
① 33 3 81 66 6944  
✉ oblak@obs-besancon.fr

**Obrregon Diaz Octavio J**

Dpt Fisica  
UAM-I Iztapalapa  
Apt 55 534  
Mexico DF 09340  
Mexico  
☎ 52 5 724 4623  
① 52 5 686 1717

**O'Brian Thomas R**

NIST  
100 Bureau Drive  
Stop 1060  
Gaithersburg MD 20899  
0001  
USA  
☎ 1 301 975 2661  
① 1 301 216 0529  
✉ thomas.obrian@nist.gov

**Obridko Vladimir N**

ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 232 1921  
① 7 095 334 0124  
✉ obridko@lars.izmiran.troitsk.ru

**O'Brien Paul Thomas**

Dpt Phys/X-Ray Astron  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 5209  
① 44 116 252 3311  
✉ pto@star.le.ac.uk

**O'Brien Tim**

Astrophysics Group  
Liverpool J M Univ  
Byrom St  
Liverpool L3 3AF  
UK  
☎ 44 151 231 2337  
① 44 151 231 2337  
✉ tob@starul.livjm.ac.uk

**O'Byrne John**

Astronomy Dpt  
School Physics  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 935 13184  
① 61 2 935 17726  
✉ j.obyrne@physics.usyd.edu.au

**Occionero Franco**

OAR  
Via d Parco Mellini 84  
I 00136 Roma  
Italy  
☎ 39 06 347 056  
① 39 06 349 8236  
✉ occhio@oarhp1.rm.astro.it

**Ochsenbein Francois**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0755  
① 33 3 88 25 0160  
✉ francois@simbad.u-strasbg.fr

**O'Connell Robert West**

Univ Station  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
0818  
USA  
☎ 1 804 924 7494  
① 1 804 924 3104  
✉ rwo@virginia.edu

**O'Connell Robert F**

Dpt Phys/Astronomy  
Louisiana State Univ  
Baton Rouge LA 70803 4001  
USA  
☎ 1 225 388 6848  
① 1 225 388 5855

**O'Connor Seamus L**

Physics Dpt  
Univ College  
Belfield  
Dublin 4  
Ireland  
☎ 353 1 693 244  
① 353 1 671 1759

**Oda Naoki**

NEC Corp  
Material Devel Ctr/Ist Dev  
Miyazaki 4 1 1 Miyamae-ku  
Kawasaki Kanagawa 216  
Japan  
☎ 81 448 56 2291  
① 81 448 56 2244  
✉ oda@mdc.cl.nec.co.jp

**O'Dea Christopher P**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 2590  
① 1 410 338 5085  
✉ odea@stsci.edu

**Odell Andrew P**

Dpt Phys/Astronomy  
N Arizona Univ  
Box 6010  
Flagstaff AZ 86011 6010  
USA  
☎ 1 520 523 2661  
① 1 520 523 2626  
✉ Andy.Odell@nau.edu

**O'Dell Charles R**

Dpt Phys/Astronomy  
Rice Univ  
Box 1892  
Houston TX 77251 1892  
USA  
☎ 1 713 527 8101  
① 1 713 285 5143

**O'Dell Stephen L**

NASA MSFC  
Space Science Lab  
Code ES 65  
Huntsville AL 35812  
USA  
☎ 1 205 544 7708  
① 1 205 547 7754

**Odenkirchen Michael**

MPIA  
Koenigstuhl 17  
D 69117 Heidelberg  
Germany  
☎ 49 6221 528263  
① 49 6221 528246  
✉ odenkirchen@mpia-hd.mpg.de



**Odenwald Sten F**

NRL  
Code 4138 0  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 3010

**Odgers Graham J**

3924 Scolton Rd  
Victoria BC V8N 4E2  
Canada

**O'Donoghue Darragh**

Astronomy Dpt  
Univ Cape Town  
Private Bag  
7700 Rondebosch  
South Africa  
☎ 27 21 650 2391  
☎ 27 21 54 3726

**Odstreil Dusan**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7126  
☎ 420 288 1611  
✉ odstreil@asu.cas.cz

**Oegerle William R**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 6732  
☎ 1 410 516 5494  
✉ oegerle@pha.jhu.edu

**Oekten Adnan**

Univ Observ  
Univ Istanbul  
Univ 34452  
34452 Istanbul  
Turkey  
☎ 90 212 522 3597  
☎ 90 212 522 6123

**Oemler Jr Augustus**

Carnegie Observ  
813 Santa Barbara St.  
Pasadena CA 91101  
USA  
☎ 1 626 304 0260  
☎ 1 626 795 8136  
✉ oemler@ociw.edu

**Oertel Goetz K**

AURA Inc  
Suite 350  
1200 New York Av NW  
Washington DC 20005  
USA  
☎ 1 202 483 2101  
☎ 1 202 483 2106  
✉ goertel@stsci.edu

**Oestgaard Erlend**

Physics Dpt  
Univ Trondheim  
AVH  
N 7055 Dragvollm  
Norway  
☎ 47 7 92 0411\*117

**Oestreicher Roland**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 110 036  
☎ 49 622 152 8246

**Oetken L**

Grenzstr 4  
D 14552 Wildenbruch  
Germany

**Oezel Mehmet Emin**

Space Sci Dpt  
Marmara Res Centre  
PK 21  
41470 Gebze Kocaeli  
Turkey  
☎ 90 262 641 2300  
☎ 90 262 641 2309  
✉ ozel@trnbeam.tr

**Oezkan Mustafa Tuerker**

Univ Observ  
Univ Istanbul  
Univ 34452  
34452 Istanbul  
Turkey  
☎ 90 212 528 3847  
☎ 90 212 522 6123

**Ofman Leon**

NASA GSFC  
Code 662 1  
Greenbelt MD 20771  
USA  
☎ 1 301 286 9913  
☎ 1 301 286 1617  
✉ leon.ofman@gsfc.nasa.gov

**Ogawa Hideo**

Nagoya Univ  
Chikusa-ku Nagoya  
Aichi 464 01  
Japan  
☎ 81 52 789 2840  
☎ 81 52 789 2845  
✉ ogawa@  
a.phys.nagoya-u.ac.jp

**Ogawara Yoshiaki**

Inst Space/Astron Sci  
Univ Tokyo  
3 1 1 Yoshinodia  
Sagamihara Kanagawa 229  
Japan  
☎ 81 427 51 3911  
☎ 81 427 59 4253  
✉ ogawara@  
astro.isas.ac.jp

**Ogelman Hakki B**

Physics Dpt  
Univ Wisconsin  
1150 Univ Av  
Madison WI 53706  
USA  
☎ 1 608 265 2052  
☎ 1 608 263 0800  
✉ ogelman@  
astrophysics.wisc.edu

**Ogura Katsuo**

College Literature  
Kokugakuin Univ  
Higashi 4 10 28  
Shibuyaku Tokyo 150  
Japan  
☎ 81 298 42 6913

**Oh Kap-Soo**

Dpt Astronomy/Space Sci  
Chungnam Ntl Univ  
Taejon 305 764  
Korea RP  
☎ 82 428 21 5464  
☎ 82 428 22 8380  
✉ ksoh@  
astrol.chungnam.ac.kr

**Oh Kyu Dong**

Dpt Earth Science  
Chonnam Ntl  
Univ  
Kwangju Chonnam  
Korea RP  
✉ ohkd@  
chonnam.chonnam.ac.kr

**O'Handley Douglas A**

Ames Astrobiology Academy  
MS 245 1  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 604 3525  
☎ 1 408 245 7596  
✉ dohandley@  
mail.arc.nasa.gov

**Ohashi Nagayoshi**

Cfa  
HCO/SAO MS 78  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7003  
☎ 1 617 496 7554  
✉ nohashi@  
cfa.harvard.edu

**Ohashi Takaya**

Physics Dpt  
Tokyo Metropol Univ  
1 1 Minami Ohsawa  
Hachioji Tokyo 192 03  
Japan  
☎ 81 426 77 1111 \*3245  
☎ 81 426 77 2483  
✉ ohashi@  
phys.metro-u.ac.jp

**Ohashi Yukio**

3 5 26 Hiroo  
Shibuya-ku  
Tokyo  
Japan  
☎ 81 334 00 7438

**Ohishi Masatoshi**

NAOJ  
2-21-1 Osawa, Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3701  
☎ 81 422 34 3708  
✉ masatoshi.ohishi@  
nao.ac.jp

**Ohki Kenichiro**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5111  
☎ 81 422 34 3793

**Ohnishi Kouji**

Nagano Ntl College Techn  
716 Tokuma  
Nagaro 381  
Japan  
☎ 81 262 957 027  
① 81 262 957 027  
✉ ohnishi@  
ge.nagano-nct.ac.jp

**Ohring George**

Dpt Geophys/Planet Sci  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 640 8633  
① 972 3 640 9282

**Ohta Kouji**

Astronomy Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 8502  
Japan  
☎ 81 75 753 3896  
① 81 75 753 3897  
✉ ohta@  
kusaastro.kyoto-u.ac.jp

**Ohtani Hiroshi**

Astronomy Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 51 2111  
① 81 757 53 7010  
✉ ohtani@  
kusaastro.kyoto-u.ac.jp

**Ohtsubo Junji**

Fac Eng  
Shizuoka Univ  
3 Chome Jyohoku  
Hamamatsu 432  
Japan  
☎ 81 534 71 1171\*585  
① 81 534 75 1764

**Ohyama Noboru**

1206 3 Tomizuka-chou  
Hamamatu 432 8002  
Japan

**Oja Heikki**

Helsinki Univ  
Observ  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 19 12 2942  
① 358 19 12 2952  
✉ oja@cc.helsinki.fi

**Oja Tarmo**

Astronomiska Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
① 46 18 471 5999  
✉ oja@astro.uu.se

**Ojha Devendra K**

TIFR  
Homi Bhabha Rd  
Navy Nagar Colaba  
Mumbai MH 400 005  
India  
☎ 91 22 215 2971\*2684  
① 91 22 215 2110  
✉ ojha@tifr.res.in

**Oka Takeshi**

Chemistry Dpt  
Univ Chicago  
5735 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 773 702 7070  
① 1 773 702 0805  
✉ t-oka@uchicago.edu

**Okamoto Isao**

Intl Latitude Observ  
NAOJ  
Hoshigaoka Mizusawa Shi  
Iwate 023  
Japan  
☎ 81 197 24 7111  
① 81 197 22 7120

**Okamura Sadanori**

Dpt Astronomy  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113- 0033  
Japan  
☎ 81 3 5841 4257  
① 81 3 5841 7644  
✉ okamura@  
astron.s.u-tokyo.ac.jp

**Okazaki Akira**

Dpt Sci Education  
Gunma Univ  
Maebashi  
Gunma 371  
Japan  
☎ 81 272 32 1611  
① 81 272 33 9231

**Okazaki Atsuo T**

Coll General Education  
Hokkai Gakuen Univ  
Toyohira-ku  
Sapporo 062  
Japan  
☎ 81 118 41 1161\*284  
① 81 118 24 3141  
✉ okazaki@  
phys.hokusai.ac.jp

**Okazaki Seichi**

2 4 4 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 31 6770  
① 81 422 34 3793

**Oke J Beverley**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 205 363 0005  
① 1 250 363 0045  
✉ oke@dao.nrc.ca

**Okeke Pius N**

Dpt Phys/Astronomy  
Univ Nigeria  
Nsukka  
Nigeria  
☎ 234 42 77 1911  
① 234 42 77 0644  
✉ misunn@aol.com

**Okoye Samuel E**

Dpt Phys/Astronomy  
Univ Nigeria  
Nsukka  
Nigeria  
☎ 234 42 77 0752  
① 234 42 77 0644

**Okuda Haruyuki**

Gunma Astron Observ  
Takayama-mura  
Agatsuma-gun  
Gunma-ken 377-0702  
Japan  
☎ 81 279 70 5300  
① 81 279 70 5544  
✉ okuda@  
astron.pref.gunma.jp

**Okuda Toru**

Inst Earth Science  
Hokkaido Univ Educat  
1 2 Hachiman Cho  
Hakodate 040  
Japan  
☎ 81 138 41 1121

**Okumura Sachiko**

Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan  
☎ 81 267 63 4366  
① 81 267 63 4339  
✉ sokumura@  
nro.nao.ac.jp

**Olah Katalin**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
① 36 1 275 4668  
✉ olah@buda.konkoly.hu

**Olano Carlos Alberto**

IAR  
CC 5  
1894 Villa Elisa (Bs As)  
Argentina  
☎ 54 221 4 3793  
① 54 221 211 761

**Olberg Michael**

Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5500  
① 46 31 772 5550  
✉ olberg@  
oso.chalmers.se

**Oleak H**

Zntrlnst Astrophysik  
Sternwarte Babelsberg  
An der Sternwarte 16  
D 14473 Potsdam  
Germany  
☎ 49 331 762225

**Oliva Ernesto**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2310  
☎ 39 055 220 039  
✉ oliva@arcetri.astro.it

**Oliveira Grijó A K**

Observ  
Rua Gl Bruce 586  
San Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7181  
☎ 55 21 580 0332

**Oliver John Parker**

Astronomy Dpt  
Univ Florida  
211 SSRB  
Gainesville FL 32611  
USA  
☎ 1 352 392 2052  
☎ 1 352 392 5089

**Oliver Sebastian J**

CPES  
Univ Sussex  
Falmer  
Brighton BN1 9QJ  
UK  
☎ 44 12 73 678 852  
☎ 44 12 73 677 196  
✉ s.oliver@sussex.ac.uk

**Olivier Scot Stewart**

LLNL  
L 413  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 423 8129  
☎ 1 415 423 0238  
✉ olivier@  
sunlight.llnl.gov

**Ollongren A**

Leiden Observ  
Dpt Maths/Computer Sci  
Box 9512  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 2727\*5006  
☎ 31 71 527 6985

**Olmi Luca**

Univ Massachusetts  
815J Lederle GRT Tower B  
710 N. Pleasant St.  
Amherst MA 01003  
USA  
☎ 1 413 545 1875  
☎ 1 413 545 3192  
✉ olmi@lmtgtm.org

**Olson Friso**

NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
☎ 31 521 59 7332

**Olofsson Goeran S**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 717 2639  
☎ 46 8 717 4719  
✉ olofsson@astro.su.se

**Olofsson Hans**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 716 4448  
☎ 46 8 717 4719  
✉ hans@astro.su.se

**Olofsson Kjell**

Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
☎ 46 18 471 5999  
✉ kjell.olofsson@  
astro.uu.se

**Olowin Ronald Paul**

Dpt Phys/Astronomy  
Saint Mary's College  
207 D Galileo Hall  
Moraga CA 94575  
USA  
☎ 1 510 631 4428  
☎ 1 510 376 4027  
✉ rpolowin@  
galileo.stmarys-ca.edu

**Olsen Erik H**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5929  
☎ 45 35 32 5989  
✉ eho@astro.ku.dk

**Olsen Fogh H J**

Astronoman  
Heibergs Have 31  
DK 430 Tollose  
Denmark  
☎ 45 59 43 6706  
✉ fogh@post1.tele.dk

**Olsen Kenneth H**

1029 187th Pl SW  
Lynnwood WA 98036  
USA  
☎ 1 206 776 7007  
✉ kolsen@  
geophys.washington.edu

**Olson Edward C**

Dpt Astron/Physics  
Univ Illinois  
1002 W Green St  
Urbana IL 61801  
USA  
☎ 1 217 333 5531  
☎ 1 217 244 7638  
✉ olsomed@  
uxh.cso.uiuc.edu

**Olthof Hindericus**

ESA/ESTEC  
SCI-R  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 4350  
☎ 31 71 565 4693  
✉ hothof@estec.esa.nl

**O'Mara Bernard J**

Physics Dpt  
Univ Queensland  
St Lucia  
Brisbane QLD 4067  
Australia  
☎ 61 7 377 3429  
☎ 61 7 371 5896

**Omarov Tuken B**

Astrophys Inst  
Kazakh Acad Sci  
480068 Alma Ata  
Kazakstan  
☎ 7 64 4040

**Omnes Roland**

LPTHE  
Bt 211  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 41 7744

**O'Mongain Eon**

Physics Dpt  
Univ College  
Belfield  
Dublin 4  
Ireland  
☎ 353 1 693 244  
☎ 353 1 671 1759

**Omont Alain**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8071  
☎ 33 1 44 32 8001  
✉ omont@iap.fr

**Onaka Takashi**

Astronomy Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 381 22 111  
☎ 81 338 13 9439

**O'Neil Karen L**

Arecibo Observ  
HC3 Box 53995  
Arecibo PR 00612  
USA  
☎ 1 787 878 2612\*326  
☎ 1 787 878 1861  
✉ koneil@naic.edu

**Onello Joseph S**  
Physics Dpt  
NY State Univ  
MBoxfet Hall 129  
Cortland NY 13045  
USA  
☎ 1 607 753 2012  
① 1 607 753 5999  
✉ onello@  
snycorva.cortland.edu

**Onishi Toshikazu**  
Dpt Astrophysics  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 8602  
Japan  
☎ 81 527 89 2839  
① 81 527 89 2845  
✉ onishi@  
a.phys.nagoya-u.ac.jp

**Ono Yoro**  
4-4-13 Gojyou  
Higashi Sapporo  
Shiraishi-ku  
Sapporo 003 0005  
Japan

**Onuora Lesley Irene**  
Physics/Astronomy Div  
Univ Sussex  
Falmer  
Brighton BN1 PQH  
UK  
☎ 44 12 73 678 971  
✉ lonuora@  
astr.cpes.susx.ac.uk

**Ooe Masatsugu**  
Intl Latitude Observ  
NAOJ  
Hoshigaoka Mizusawa Shi  
Iwate 023  
Japan  
☎ 81 197 24 7111  
① 81 197 22 7120

**Oohara Ken-ichi**  
Physics Dpt  
Niigata Univ  
Niigata 950 21  
Japan  
☎ 81 252 64 2281  
① 81 252 64 2282  
✉ oohara@  
astro.sc.niigata-u.ac.jp

**Oosterloo Thomas**  
NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
① 31 521 59 7332  
✉ oosterloo@astron.nl

**Opendak Michael**  
Dpt Astron/Astrophys  
Univ Pennsylvania  
209 South 33 St  
Philadelphia PA 19104  
USA  
☎ 1 215 898 5066  
① 1 215 898 9336  
✉ mopendak@  
mail.sas.upenn.edu

**Opher Reuven**  
IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 275 3720  
① 55 11 276 3848  
✉ opher@  
orion.iagusp.usp.br

**Opolski Antoni**  
Astron Inst  
Wroclaw Univ  
Ul Kopernika 11  
PL 51 622 Wroclaw  
Poland  
☎ 48 71 372 9373/74  
① 48 71 372 9378

**Oprescu Gabriela**  
Astron Inst  
Romanian Acad Sci  
Cutitul de Argint 5  
RO 75212 Bucharest  
Romania  
☎ 40 1 641 3686  
① 40 1 312 3391  
✉ goprescu@  
zoastro.astro.ro

**Oproiu Tiberiu**  
Astron Observ  
Romanian Acad Sci  
Ul Ciresilor 19  
RO 3400 Cluj Napoca  
Romania  
☎ 40 64 194 592  
① 40 64 194 592

**Orchiston Wayne**  
Anglo-Australian Observ  
c/ -17 Russell Street  
Greenacre NSW 2190  
Australia  
☎ 61 2 9642 8078  
① 61 2 9372 4880  
✉ wo@aoepp.aao.gov.au

**Orellana Rosa Beatriz**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
① 54 221 421 1761  
✉ rorellana@  
fcaglp.unlp.edu.ar

**Orio Marina**  
Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
✉ orio@  
cow.physics.wisc.edu

**Orlin Hyman**  
Ntl Acad Sciences  
NRC  
2101 Constitution Av NW  
Washington DC 20418  
USA  
☎ 1 202 334 3520  
① 1 202 334 2791

**Orlov Mikhail**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 63110  
① 380 4426 62147

**Ormes Jonathan F**  
NASA GSFC  
Code 660  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8801

**Orsatti Ana M**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
① 54 221 425 8985  
✉ amo@  
fcaglp.unlp.edu.ar

**Orte Alberto**  
ROA  
Cecilio Pujazon 22 3 A  
E 11100 San Fernando  
Spain  
☎ 34 5 689 5441  
① 34 5 659 9366

**Ortolani Sergio**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
① 39 049 875 9840

**Orton Glenn S**  
CALTECH/JPL  
MS 183 301  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 4321  
① 1 818 393 6030

**Orus Juan J**  
C/Josep Terradellas  
134 Atc 3  
E 08028 Barcelona  
Spain  
☎ 34 3 405 2888  
✉ jorge@fajnm1.am.ub.es

**Osaki Toru**  
Ryukoku Univ  
Fukakusa Tsukamoto  
Fushimi Ku  
Kyoto 612  
Japan  
☎ 81 756 42 1111

**Osaki Yoji**  
Faculty Education  
Nagasaki Univ  
Bunkyo-machi 1-14  
Nagasaki 852 8521  
Japan  
☎ 81 95 847 1111  
✉ osaki@  
net.nagasaki-u.ac.jp

**Osborn Wayne**

Physics Dpt  
Central Michigan Univ  
Mt Pleasant MI 48859  
USA  
☎ 1 517 774 3320  
☎ 1 517 774 2697  
✉ osborn@leon.phy.cmich.edu

**Osborne John L**

Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 178  
☎ 44 19 13 743 749  
✉ j.l.osborne@durham.ac.uk

**Osborne Julian P**

Dpt Phys/X-Ray Astron  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 3598  
☎ 44 116 252 3311  
✉ julio@star.le.ac.uk

**Osoz Alejandro**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 60 5200  
☎ 34 922 60 5210  
✉ aosoz@ll.iac.es

**Osman Anas Mohamed**

NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 2 556 0046  
☎ 20 2 554 802  
✉ astro2@frcu.eun.eg

**Osmer Patrick S**

Astronomy Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 292 6789  
☎ 1 614 292 2928

**Osorio Isabel Maria T V P**

Observ Astronomico  
Univ d Porto  
Monte d Virgem  
P 4400 Vila Nova de gaia  
Portugal  
☎ 351 227 820404  
☎ 351 227 827253  
✉ posorio@oa.fc.up.pt

**Osorio Jose J S P**

Observ  
Univ d Porto  
Monte d Virgem  
P 4400 Vila Nova de gaia  
Portugal  
☎ 351 227 820404  
☎ 351 227 827253  
✉ posorio@oa.fc.up.pt

**Oster Ludwig F**

114 Ocean Parkway  
Berlin MD 21811  
USA  
☎ 1 410 208 9718

**Osterbrock Donald E**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 429 2605  
☎ 1 831 426 3115  
✉ don@ucolick.org

**Ostriker Jeremiah P**

Princeton Univ Observ  
Peyton Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 258 3800  
☎ 1 609 258 1020  
✉ jpo@astro.princeton.edu

**Ostro Steven J**

CALTECH/JPL  
MS 300 233  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 3173  
☎ 1 818 354 9476  
✉ ostro@echo.jpl.nasa.gov

**Ostrowski Michal**

Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 25 1294  
☎ 48 12 25 1318  
✉ mio@oa.uj.edu.pl

**O'Sullivan Creidhe**

Dpt Experimental Phys  
Ntl University Ireland  
Maynooth Co Kildare  
Ireland  
☎ 353 1 708 39 53  
☎ 353 1 708 33 12  
✉ creidhe.osullivan@may.ie

**O'Sullivan Denis F**

DIAS  
School Cosmic Phys  
5 Merrion Sq  
Dublin 2  
Ireland  
☎ 353 1 662 1333  
☎ 353 1 662 1477

**O'Sullivan John David**

CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
☎ 61 2 868 0310

**Oswalt Terry D**

Dpt Phys/Space Sci  
Florida Inst Techn  
150 W Univ Blvd  
Melbourne FL 32901  
USA  
☎ 1 321 674 7325  
☎ 1 321 674 7482  
✉ oswalt@luyten.astro.fit.edu

**Oterma Liisi**

Sirkkalankatu 31  
FIN 20700 Turku  
Finland  
☎ 358 2 133 2081

**Othman Mazlan**

OOSA  
PO Box 500  
A 1180 Wien  
Austria  
☎ 43 1 213 454 951  
☎ 43 1 213 455 830  
✉ mazlan.othman@oosa.un.or.at

**Otmianowska-Mazur**

**Katarzyna**  
Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 25 1294  
☎ 48 12 25 1318  
✉ otmian@oa.uj.edu.pl

**Ott Heinz-Albert**

Astronomische Bibliothek  
Univ Muenster  
Wilhelm Klemm Str 10  
D 48149 Muenster  
Germany  
☎ 49 251 833 561  
☎ 49 251 833 669  
✉ ott@cygnus.uni-muenster.de

**Ottelet I J**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
☎ 32 4 254 7511

**Ouhrabka Miroslav**

College Education In  
Hradec Kralove  
Nam Svobody 301  
CZ 501 91 Hradec Kralove  
Czech Rep  
☎ 420 49 25226  
☎ 420 49 25785

**Oukbir Jamila**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0710  
☎ 33 3 88 15 0740  
✉ oukbir@wirtz.u-strasbg.fr

**Overbeek Michiel Daniel**

Box 212  
1610 Edenvale 1610  
South Africa  
☎ 27 11 453 6918  
✉ danieo@global.co.za

**Owaki Naoaki**

2 26 10 Motoizumi  
Komae shi 201 0013  
Japan

**Owen Frazer Nelson**

NRAO  
VLA  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 772 4011  
☎ 1 505 835 7027

**Owen Tobias C**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 8007  
☎ 1 808 988 2790  
✉ owen@  
hubble.ifa.hawaii.edu

**Owen Jr William Mann**

CALTECH/JPL  
MS 301 150  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 2505  
☎ 1 818 393 6388  
✉ wmo@jpl.nasa.gov

**Owner-Petersen Mette M**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7313  
☎ 46 46 222 4614  
✉ Mette@  
nastol.astro.lu.se

**Owocki Stanley Peter**

Bartol Res Inst  
Univ Delaware  
Newark DE 19716  
USA  
☎ 1 302 451 8357  
☎ 1 302 451 1843  
✉ owocki@  
bartol.udel.edu

**Oxenius Joachim**

Dpt d Physique  
Univ Bruxelles  
Campus Plaine CP 226  
B 1050 Bruxelles  
Belgium  
☎ 32 2 650 5818  
☎ 32 2 650 5045

**Ozeki Hiroyuki**

Inst Molecular Science  
Myodaiji  
Okazaki 444  
Japan  
☎ 81 564 55 7322  
☎ 81 564 55 4639  
✉ ozeki@ims.ac.jp

**Ozernoy Leonid M**

NASA GSFC  
Code 685  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8801  
✉ ozernoy@  
lheavx.gsfc.nasa.gov

**Ozguç Atila**

Kandilli Observ  
Bugazici Univ  
Cengelkoy  
81220 Istanbul  
Turkey  
☎ 90 216 308 0521\*255  
☎ 90 216 332 1711  
✉ ozguç@boun.edu.tr

**Ozsvath I**

Univ Texas  
Programs in Mathemat Sci  
Box 830688  
Richardson TX 75083 0688  
USA  
☎ 1 210 690 2174

## P

**Pacharin-Tanakun P**

Physics Dpt  
Chulalongkorn Univ  
Bangkok 10330  
Thailand  
☎ 66 2 251 4902  
① 66 2 253 1150

**Pachner Jaroslav**

2412 Clerourr Cres  
Room C21  
Glouchester ON K1W1A3  
Canada  
☎ 1 613 728 0740  
① 1 613 728 0740

**Pacholczyk Andrzej G**

Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 6928  
① 1 520 297 4797  
✉ agp@u.arizona.edu

**Paciesas William S**

Physics Dpt  
Univ Alabama  
Huntsville AL 35899  
USA  
☎ 1 205 544 7712  
① 1 205 544 5800  
✉ paciesas@  
ssl.msfc.nasa.gov

**Pacini Franco**

Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2232  
① 39 055 220 039  
✉ pacini@arcetri.astro.it

**Paczynski Bohdan**

Princeton Univ Observ  
Dpt Astrophys  
124 Peyton Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 258 3807  
① 1 609 258 1020  
✉ bp@astro.princeton.edu

**Padalia T D**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136

**Padman Rachael**

MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 274  
① 44 12 23 354 599  
✉ padman@  
mrao.cam.ac.uk

**Padmanabhan Janardhan**

PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
① 91 272 44 5292

**Padmanabhan T**

IUCAA  
PO Box 4  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 212 351 414/5  
① 91 212 350 760  
✉ paddy@iucaa.ernet.in

**Padovani Paolo**

STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4742  
① 1 410 338 5075  
✉ padovani@stsci.edu

**Padielli Lucia**

Inst Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 0384  
① 39 051 639 9431  
✉ padielli@ira.bo.cnr.it

**Paerels Frederik B S**

Astronomy Dpt  
Columbia Univ  
538 W 120th St  
New York NY 10027  
USA  
☎ 1 212 854 8125  
① 1 212 854 8121  
✉ frits@  
naima.phys.columbia.edu

**Pagani Laurent P**

Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2013  
① 33 1 40 51 2002  
✉ Laurent.Pagani@  
obspm.fr

**Pagano Isabella**

Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2243  
① 39 095 33 0592  
✉ ipa@ct.astro.it

**Page Arthur**

P.O. Box 4246  
Forest Lake QLD 4078  
Australia  
✉ aap@  
mailbox.uq.edu.au

**Page Clive G**

Dpt Phys/X-Ray Astron  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 3551  
① 44 116 252 3311

**Page Dany**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3910  
① 52 5 616 0653  
✉ page@  
astrocu.unam.mx

**Page Don Nelson**

Physics Dpt  
Univ Alberta  
Edmonton AB T6G 2J1  
Canada  
☎ 1 403 492 4129  
① 1 403 492 0714  
✉ don@phys.ualberta.ca

**Pagel Bernard E J**

Groombridge Lewes Rd  
Ringmer  
E Sussex BN8 5ER  
UK  
☎ 44 31 42 1616  
① 44 31 38 9157  
✉ bejp@  
star.cpes.susx.ac.uk

**Pakvor Ivan**

Astron Observ  
Volgina 7  
11060 Beograd  
Yugoslavia FR  
☎ 381 1 141 9357/421 875  
① 381 1 141 9553  
✉ ipakvor@aob.bg.ac.yu

**Pal Arpad**

Fac Mathematics  
Univ Cluj Napoca  
Ul Kogalniceanu 1  
RO 3400 Cluj Napoca  
Romania  
☎ 40 64 116 101  
① 40 64 194 592

**Palagi Francesco**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
① 39 055 220 039  
✉ palagi@arcetri.astro.it

**Paletou Frederic**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3050  
① 33 4 92 00 3121  
✉ paletou@obs-nice.fr

**Palla Francesco**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2249  
① 39 055 220 039  
✉ palla@arcetri.astro.it

**Pallavicini Roberto**

Osserv Astronomico  
Univ d Palermo  
Piazza Parlamento 1  
I 90134 Palermo  
Italy  
☎ 39 09 123 3251  
① 39 09 123 3444  
✉ pallavic@  
oapa.astropa.unipa.it

**Palle Pere-Lluis**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
① 34 2 226 3005

**Palmeira Ricardo A R**

INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 22 9977  
① 55 123 21 8743

**Palmer Patrick E**

Astronomy/Astrophys Ctr  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 962 7972  
① 1 312 702 8212  
✉ ppalmer@  
oskar.uchicago.edu

**Palmer Philip**

Surrey Space Centre  
Univ Surrey  
Guildford  
Surrey GU2 5XH  
UK  
☎ 44 1483 876024  
① 44 1483 259503  
✉ P.Palmer@  
ee.surrey.ac.uk.

**Palmeri Patrick**

Dpt Astrophysique/  
Spectroscopie  
UMH  
20 pl Parc  
B 7000 Mons  
Belgium  
☎ 32 6537 3727  
① 32 6537 3054  
✉ palmeri@umh.ac.be

**Palous Jan**

Astron Inst  
Czech Acad Sci  
Bocni li 1401  
CZ 141 31 Praha 4  
Czech Rep  
☎ 420 267 10 3065  
① 420 204 620117  
✉ palous@ig.cas.cz

**Paltani Stephane**

INTEGRAL  
Science Data Ctr  
16 Chemin Ecogia  
CH 1290 Versoix  
Switzerland  
☎ 41 22 950 9141  
① 41 22 950 9133  
✉ stephane.paltani@  
obs.unige.ch

**Palumbo Giorgio G C**

Dpt Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40137 Bologna  
Italy  
☎ 39 051 630 5748  
① 39 051 630 5700  
✉ ggcpalumbo@  
astbo3.bo.astro.it

**Palumbo Maria Elisabetta**

Osserv Astronomico  
di Catania  
Via S. SBoxia 78  
I 95123 Catania  
Italy  
☎ 39 095 957 332 261  
① 39 095 33 0592  
✉ mepalumbo@  
alpha4.ct.astro.it

**Palus Pavel**

Dpt Astron/Astrophys  
Slovak Acad Sci  
SK 842 15 Tatranska  
Lominica  
Slovakia  
☎ 421 7 654 23 611  
① 421 7 654 25 882  
✉ palus@fmph.uniba.sk

**Pamyatnykh Alexsey A**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 951 5461  
① 7 095 230 2081  
✉ alosza@camk.edu.pl

**Pan Junhua**

Nanjing Astron  
Instrument Factory  
Box 846  
Nanjing  
China PR  
☎ 86 25 46191  
① 86 25 711256

**Pan Liande**

Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 293 89 0430  
① 86 293 89 0196

**Pan Ning-Bao**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6488 8704

**Pan Rong-Shi**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618

**Pan Xiao-Pei**

CALTECH/JPL  
MS 301 486  
4800 Oak Grove Dr  
Pasadena CA 91109  
USA  
☎ 1 818 354 6618  
① 1 818 568 5239  
✉ pan@huey.jpl.nasa.gov



**Panagia Nino**

STSci  
 Homewood Campus  
 3700 San Martin Dr  
 Baltimore MD 21218  
 USA  
 ☎ 1 410 338 4916  
 ☎ 1 410 338 5090  
 ✉ panagia@stsci.edu

**Panchuk Vladimir E**

SAO  
 Acad Sciences  
 Nizhnij Arkhyz  
 357147 Karachaevo  
 Russia  
 ☎ 7 865 789 3527  
 ✉ panchuk@  
 sao.stavropol.ru

**Pande Girish Chandra**

126 Aryanagar  
 Lucknow 226 004  
 India

**Pande Mahesh Chandra**

Uttar Pradesh State  
 Observ  
 Po Manora Peak 263 129  
 Nainital 263 129  
 India  
 ☎ 91 59 42 2136

**Pandey A K**

Uttar Pradesh State  
 Observ  
 Po Manora Peak 263 129  
 Nainital 263 129  
 India  
 ☎ 91 59 42 2136

**Pandey S K**

Physics Dpt  
 Univ Ravishankar  
 Raipur 492 010  
 India  
 ☎ 91 27 064

**Pandey Uma Shankar**

Physics Dpt  
 Univ Gorakhpur  
 Gorakhpur 273 009  
 India  
 ☎ 91 551 336 601

**Panek Robert J**

14 Tanya Drive  
 Old Forge PA 18518  
 USA  
 ☎ 1 814 865 3631  
 ☎ 1 814 863 7114

**Pang Kevin**

CALTECH/JPL  
 MS T11 823  
 4800 Oak Grove Dr  
 Pasadena CA 91109 8099  
 USA  
 ☎ 1 818 354 5392  
 ☎ 1 818 393 6030

**Pankonin Vernon Lee**

NSF  
 Div Astron Sci  
 4201 Wilson Blvd  
 Arlington VA 22230  
 USA  
 ☎ 1 703 292 4895  
 ☎ 1 703 292 9034  
 ✉ vpankoni@nsf.gov

**Pannunzio Renato**

Osserv Astronomico  
 d Torino  
 St Osservatorio 20  
 I 10025 Pino Torinese  
 Italy  
 ☎ 39 011 810 1924  
 ☎ 39 011 810 1930  
 ✉ pannunzio@to.astro.it

**Panov Kiril**

Astronomy Dpt  
 Bulgarian Acad Sci  
 72 Tsarigradsko Shosse Blvd  
 BG 1784 Sofia  
 Bulgaria  
 ☎ 359 2 75 8297  
 ☎ 359 2 75 8927  
 ✉ kpanov@astro.bas.bg

**Paolicchi Paolo**

Dpt Fisica  
 Univ d Pisa  
 Piazza Torricelli 2  
 I 56100 Pisa  
 Italy  
 ☎ 39 050 433 43  
 ☎ 39 050 482 77

**Pap Judit**

CALTECH/JPL  
 MS 171 400  
 4800 Oak Grove Dr  
 Pasadena CA 91109 8099  
 USA  
 ☎ 1 818 354 2662  
 ☎ 1 818 354 4707  
 ✉ jpap@  
 solar.stanford.edu

**Papaelias Philip**

Astrophysics Dpt  
 Ntl Univ Athens  
 Panepistimiopolis  
 GR 157 84 Zografos  
 Greece  
 ☎ 30 1 723 3122  
 ☎ 30 1 723 5122

**Papagiannis Michael D**

Astronomy Dpt  
 Boston Univ  
 725 Commonwealth Av  
 Boston MA 02215  
 USA  
 ☎ 1 617 353 5705  
 ☎ 1 617 353 5704

**Papaliolios Costas**

CfA  
 HCO/SAO  
 60 Garden St  
 Cambridge MA 02138 1516  
 USA  
 ☎ 1 617 495 7123  
 ☎ 1 617 495 7356

**Papaloizou John C B**

School Mathemat Sc  
 QMWC  
 Mile End Rd  
 London E1 4NS  
 UK  
 ☎ 44 171 980 4811  
 ☎ 44 181 975 5500

**Paparo Margit**

Konkoly Observ  
 Thege U 13/17  
 Box 67  
 HU 1525 Budapest  
 Hungary  
 ☎ 36 1 375 4122  
 ☎ 36 1 275 4668  
 ✉ paparo@  
 ogyalla.konkoly.hu

**Papathanasoglou D**

Astronomy Dpt  
 Ntl Univ Athens  
 Panepistimiopolis  
 GR 157 84 Zografos  
 Greece  
 ☎ 30 1 724 3414  
 ☎ 30 1 723 5122

**Papayannopoulos Th**

Dpt Physics  
 Athens Univ  
 Panepistimiopolis  
 GR 157 84 Zografos  
 Greece  
 ☎ 30 1 723 7924  
 ☎ 30 1 723 8413  
 ✉ tpapagia@cc.uoa.gr

**Papousek Jiri**

Mlynska 56  
 CZ 602 00 Brno  
 Czech Rep  
 ☎ 420 5 332 517

**Paquet Paul**

Observ  
 de Belgique  
 Av Circulaire 3  
 B 1180 Bruxelles  
 Belgium  
 ☎ 32 2 373 0249  
 ☎ 32 2 374 9822  
 ✉ paul.paquet@oma.be

**Parcelier Pierre**

Observ  
 61 Av Observatoire  
 F 75014 Paris  
 France

**Paredes Jose Maria**

Dpt Astronom Meteo  
 Univ Barcelona  
 Avd Diagonal 647  
 E 08028 Barcelona  
 Spain  
 ☎ 34 3 402 1130  
 ☎ 34 3 402 1133  
 ✉ josepmp@  
 mizar.am.ub.es

**Paresce Francesco**

ESO  
 Karl Schwarzschildstr 2  
 D 85748 Garching  
 Germany  
 ☎ 49 893 200 6297  
 ☎ 49 893 200 6480  
 ✉ fparesce@eso.org

**Parfinenko Leonid D**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4400  
☎ 7 812 123 1922  
✉ makarov@gaosun.spb.ru

**Parhi Shyamsundar**

Bartol Research Instit  
217 Shapr Lab  
Univ Delaware  
Newark DE 19716  
USA  
☎ 1 302 831 4329  
☎ 1 302 831 1843  
✉ sparhi@bartol.udel.edu

**Parijskij Yuri N**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 297 9452  
☎ 7 812 315 1701

**Parise Ronald A**

NASA GSFC  
Code 684 9  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3896

**Pariset Jean-Paul**

Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
☎ 33 5 56 40 4251

**Park Changbom**

Astronomy Dpt  
Seoul Ntl Univ  
Kwanak Ku  
Seoul 151 742  
Korea RP  
☎ 82 288 06769  
☎ 82 288 71435  
✉ cbp@astrogate.snu.ac.kr

**Park Hong Suh**

Dpt Earth Sci  
Korea Ntl Univ Educat  
Cheongwon  
Choongbook 373 791  
Korea RP  
✉ hspark@knuacc-sun.knu.ac.kr

**Park Jang-Hyun**

Astronomy Observ  
61-1 Whaam  
Yusung  
Taejon 305 348  
Korea RP  
☎ 82 42 865 3222  
☎ 82 42 861 5610  
✉ jhpark@hanul.issa.re.kr

**Park Myeong-gu**

Dpt Astron/Meteorology  
College Ntl Sciences  
Kyungpook Ntl Univ  
Taegu 702 701  
Korea RP  
☎ 82 539 50 6364  
☎ 82 539 57 0431

**Park Seok Jae**

Korea Astronomy Observ  
36 1 Whaam Dong  
Yuseong Gu  
Taejon 305 348  
Korea RP  
☎ 82 428 65 3266  
☎ 82 428 61 5610  
✉ sjpark@apissa.issa.re.kr

**Park Young-Deuk**

Korea Astron Observ  
Jachun Box 1  
Whabook Youngchun  
Kyungbook  
Korea RP  
☎ 82 563 301 015  
☎ 82 563 369 450  
✉ ydpark@flare.boao.re.kr

**Parker Edward A**

Electronics Lab  
Univ Kent  
Canterbury CT2 7NT  
UK  
☎ 44 12 27 668 22  
☎ 44 12 27 456 084

**Parker Eugene N**

Astrophys/Space Res Lab  
Univ Chicago  
933 E 56th St  
Chicago IL 60637  
USA  
☎ 1 312 702 7847  
☎ 1 312 702 6647

**Parker Neil**

2 Bakers Court  
Great Gransden Sandy  
Beds SG19 3PF  
UK  
☎ 44 17 67 677 288  
✉ neil.parker@greenwich-observatory.co.uk

**Parker Quentin**

Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 668 378  
☎ 44 13 16 621 668  
✉ qap@roe.ac.uk

**Parker Robert A R**

CALTECH/JPL  
NMO  
180 801  
Pasadena CA 91109  
USA  
☎ 1 818 354 5359  
☎ 1 818 393 2607  
✉ rnjkparker@aol.com

**Parkinson John H**

School Science/Maths  
City Campus  
Pond St  
Sheffield S1 1WB  
UK  
☎ 44 114 253 3086  
☎ 44 114 253 3066

**Parkinson Truman**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
☎ 1 520 325 9360

**Parkinson William H**

CfA  
HCO/SAO MS 50  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 4865  
☎ 1 617 495 7455  
✉ parkinson@cfa.harvard.edu

**Parma Paola**

Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9380  
☎ 39 051 639 9431  
✉ parma@ira.bo.cnr.it

**Parmar Arvind Nicholas**

ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 4532  
☎ 31 71 565 4690  
✉ aparmar@ests2.estec.esa.nl

**Parnell Clare E**

School Mathematics  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 133 446 3706  
☎ 44 133 446 3748  
✉ clare@mes.st-and.ac.uk

**Parnovsky Sergei**

Astron Observ  
Observatorna Str 3  
254 053 Kyiv  
Ukraine  
☎ 380 4429 54515  
✉ par@aoku.freenet.ua

**Parravano Antonio**

Ctro Astris Teorica  
Univ Los Andes  
Apdo 26  
Merida 5251 A  
Venezuela  
☎ 58 7 440 1330/1331  
☎ 58 7 440 1286  
✉ parravan@ciens.ula.ve

**Parrish Allan**

Astronomy Dpt  
Univ Massachusetts  
GRC 6191  
Amherst MA 01003  
USA

**Parsamyan Elma S**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
① 374 88 52 52 3640

**Parsons Sidney B**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4807  
① 1 410 338 4767

**Parthasarathy Mudumba**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585/6497  
① 91 80 553 4043

**Partridge Robert B**

Haverford College  
Haverford PA 19041  
USA  
☎ 1 215 896 1145  
① 1 215 896 1224  
✉ bpartrid@haverford.edu

**Parv Bazil**

Fac Mathematics  
Univ Cluj Napoca  
Ul Kogalniceanu 1  
RO 3400 Cluj Napoca  
Romania  
☎ 40 64 193 415  
① 40 64 191 901  
✉ bparv@cs.ubbcluj.ro

**Pasachoff Jay M**

Hopkins Observ  
Williams College  
Williamstown MA 01267  
USA  
☎ 1 413 597 2105  
① 1 413 597 3200  
✉ jmp@williams.edu

**Pascoal Antonio J B**

Observ  
Univ d Porto  
Monte d Virgem  
P 4400 Vila Nova de gaia  
Portugal  
☎ 351 227 820404  
① 351 227 827253

**Pascu Dan**

USNO  
3450 Massachusetts Av NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1490  
① 1 202 762 1514  
✉ pas@gemini.usno.navy.mil

**Pasian Fabio**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9221  
① 39 040 30 9418  
✉ pasian@oat.ts.astro.it

**Pasinetti Laura E**

Dpt Fisica  
Univ d Milano  
Via Celoria 16  
I 20133 Milano  
Italy  
☎ 39 02 583 57275  
① 39 02 583 57205  
✉ Laura.Pasinetti@mi.infn.it

**Pastori Livio**

Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
① 39 09 908 492

**Pastoriza Miriani G**

Inst Fisica  
UFRGS  
CP 15051  
91501 900 Porto Alegre RS  
Brazil  
☎ 55 513 16 6645  
① 55 523 19 1762  
✉ mgp@if.ufrgs.br

**Paterno Lucio**

Istt Astronomia  
Citta Universitaria  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2235  
① 39 095 733 0592  
✉ lpaterno@astrct.ct.astro.it

**Pathria Raj K**

Physics Dpt  
Univ Waterloo  
Waterloo ON N2L 3G1  
Canada  
☎ 1 519 885 1211  
① 1 519 746 8115

**Pati A K**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 4043  
① 91 80 553 0672  
✉ pati@iiap.ernet.in

**Patkos Laszlo**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
① 36 1 275 4668

**Patnaik Alok Ranjan**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 264  
① 49 228 525 229  
✉ apatnaik@mpifr-bonn.mpg.de

**Patriarchi Patrizio**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2282  
① 39 055 220 039  
✉ pat@arcetri.astro.it

**Patsis Panos**

Academy Athens  
Research Center for Astron  
Anagnostopoulou 14  
GR 10673 Athens  
Greece  
☎ 30 1 361 3589  
① 30 1 3633 4667  
✉ ppatsis@cc.uoa.gr  
✉ patsis@mpia-hd.mpg.de

**Paturel Georges**

Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 56 0705  
① 33 4 72 39 9791  
✉ patu@image.univ-lyon1.fr

**Paul Jacques**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 4462  
① 33 1 69 08 6577

**Pauldrach Adalbert W A**

Inst Astron/Astrofysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6021  
① 49 89 2180 6003

**Pauliny Toth Ivan K K**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 243  
① 49 228 864 40  
✉ p033ptt@mpirbn.mpifr-bonn.mpg.de

**Pauls Thomas Albert**

NRL  
Code 7213  
4555 Overlook Av SW  
Washington DC 20375 5351  
USA  
☎ 1 202 767 0171  
① 1 202 404 8894  
✉ pauls@atlas.nrl.navy.mil

**Pauwels Thierry**

Koninklijke Sterrenwacht  
van België  
Ringlaan 3  
B 1180 Brussel  
Belgium  
☎ 32 2 373 0225  
① 32 2 374 9822  
✉ thierry.pauwels@oma.be

**Pavlenko Elena**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71124  
① 380 6554 40704  
✉ pavlenko@  
crao.crimea.ua

**Pavlenko Yakov V**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 64771  
① 380 4426 62147  
✉ maouas@gluk.apc.org

**Pavlovsky Mikhail A**

Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 2366  
① 7 095 333 5377  
✉ mykle@rea.iki.rssi.ru

**Pavlovski Kresimir**

Dpt Physics  
Univ Zagreb  
Bijenicka 32  
HR 10000 Zagreb  
Croatia  
☎ 385 1 468 0336  
① 385 1 460 5555  
✉ kresimir@phy.hr

**Paxton Harold J B R**

Royal Greenwich Observ  
Madingley Rd  
Cambridge CB3 0EZ  
UK  
☎ 44 12 23 374 000  
① 44 12 23 374 700

**Payne David G**

CALTECH/JPL  
MS 264 748  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 213 351 1321  
① 1 213 393 6030

**Peach Gillian**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
① 44 171 380 7145  
✉ ucap22g@ucl.ac.uk

**Peach John V**

Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RQ  
UK  
☎ 44 186 551 1336  
① 44 186 527 3947

**Peacock Anthony**

ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 6555  
① 31 71 565 4690  
✉ astro@astro.estec.esa.nl

**Peacock John Andrew**

Royal Observ  
Univ Edinburgh  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 688 390  
① 44 13 16 688 416  
✉ jap@roe.ac.uk

**Peale Stanton J**

Physics Dpt  
Univ California  
Santa Barbara CA 93106  
USA  
☎ 1 805 961 2977

**Pearce Gillian**

Wolfson College  
Univ Oxford  
Oxford OX2 UD  
UK  
☎ 44 186 527 4100  
① 44 186 527 394

**Pearson Timothy J**

CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 818 356 4980  
① 1 818 568 9352

**Pecina Petr**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 729  
① 420 288 1611  
✉ ppecina@asu.cas.cz

**Pecker Jean-Claude**

College d France  
3 r Ulm  
F 75331 Paris Cdx 05  
France  
☎ 33 1 44 27 1695  
① 33 1 44 27 1185  
✉ j.c.pecker@wanadoo.fr

**Pedersen Bent M**

Observ  
ARPEGES  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7809  
① 33 1 45 07 7939  
✉ Bent.M.Pedersen@  
obspm.fr

**Pedersen Holger**

Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5980  
① 45 35 32 5989  
✉ holger@astro.ku.dk

**Pedlar Alan**

NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
① 44 147 757 1618

**Pedoussaut Andre**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
① 33 5 61 53 6722  
✉ pedouss@obs-mip.fr

**Pedreros Mario**

Dpt Fisica  
Univ Tarapaca  
Casilla 7 D  
Arica  
Chile  
✉ mpedrero@  
vitor.faci.uta.cl

**Peebles P James E**

Physics Dpt  
Princeton Univ  
Jadwin Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 452 4386  
① 1 609 258 6853

**Peery Benjamin F**

Dpt Phys/Astronomy  
Howard Unive  
Washington DC 20059  
USA  
☎ 1 202 636 6267

**Pei Chunchuan**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 330 3738  
① 86 25 330 1459  
✉ ccpei@nj.col.com.cn

**Peimbert Manuel**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 616 0653  
✉ peimbert@astroscu.unam.mx

**Pejovic Nadezda R**

Fac Mathematics,  
Univ Belgrade  
Dpt Astronomy  
Studentski Trg 16  
11000 Beograd  
Yugoslavia FR  
☎ 381 1 163 8715  
① 381 1 163 0151  
✉ nada@matf.bg.ac.yu

**Pekkeris Chaim Leib**

Applied Maths Dpt  
Weizmann Inst Sci  
Box 26  
Rehovot 76100  
Israel  
☎ 972 8 483 292  
① 972 8 34 4106

**Pekuenlue E Rennan**

Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322

**Pel Jan Willem**

Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4082  
① 31 50 363 4033  
✉ j.w.pel@astro.rug.nl

**Pelletier Reynier Frans**

Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 765  
① 44 19 13 747 465  
✉ R.F.Pelletier@dur.ac.uk

**Pellas Paul**

Laboratoire Mineralogie  
61 r Buffon  
F 75005 Paris  
France  
☎ 33 1 47 07 2824

**Pellegrini Paulo S S**

Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 3683  
① 55 21 580 0332  
✉ pssp@incc.on.br

**Pellerin Jr Charles J**

NASA Headquarters  
Code EZ  
600 Independence Av SW  
Washington DC 20546  
USA  
☎ 1 202 453 1437

**Pellet Andre**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
① 33 4 91 62 1190

**Pelletier Guy**

Observ  
Lab Astrophysique  
BP 53x  
F 38041 S Martin Heres Cdx  
France  
☎ 33 4 76 51 4570  
① 33 4 76 44 8821

**Pello Roser Descayre**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2812  
① 33 5 61 53 6722  
✉ roser@obs-mip.fr

**Pelt Jaan**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 410 242  
① 372 7 410 205  
✉ pelt@aai.ee

**Pena Jose**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 548 0653  
✉ penas@astroscu.unam.mx

**Pena Miriam**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3908  
① 52 5 616 0653  
✉ miriam@astroscu.unam.mx

**Pence William D**

NASA/GSFC  
Code 662  
Greenbelt MD 20771  
USA  
☎ 1 301 286 4599  
① 1 301 286 1684  
✉ pence@tetra.gsfc.nasa.gov

**Pendleton Yvonne Jean**

NASA ARC  
MS 245 3  
Moffett Field CA 94035  
1000  
USA  
☎ 1 650 604 4391  
① 1 650 604 6779  
✉ ypendleton@mail.arc.nasa.gov

**Peng Bo**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ pb@bao.ac.cn

**Peng Qiuhe**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 34651\*2882  
① 86 25 330 7965  
✉ qhpeng@nju.edu.cn

**Peniche Rosario**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 548 3712  
✉ penas@astroscu.unam.mx

**Penny Alan John**

Rutherford Appleton Lab  
Space/Astrophysics Div  
Bq R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 445 675  
① 44 12 35 446 667  
✉ a.j.penny@rl.ac.uk

**Pensado Jose**

Observ Nacional  
Alfonso XII 5  
E 28014 Madrid  
Spain  
☎ 34 1 227 0107

**Penston Margaret**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 766 655  
① 44 12 23 337 501  
✉ mjp@ast.cam.ac.uk

**Penzias Arno A**

Bell Labs  
Rm 6A409  
700 Mountain Av  
Murray Hill NJ 07974  
USA  
☎ 1 908 582 3361  
① 1 908 582 4702

**Pepe Francesco A**

Observ  
51, Chemin des Maillettes  
CH 1290 Saouvery  
Switzerland  
☎ 41 22 755 2611  
① 41 22 755 3983  
✉ Francesco.Pepe@obs.unige.ch

**Pequignot Daniel**

Observ  
DAEC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7438  
① 33 1 45 07 7123  
✉ Daniel.Pequignot@obsprm.fr

**Peraiah Annamaneni**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585/6497  
① 91 80 553 4043

**Perault Michel**

DEMIRM  
ENS  
24 r Lhomond  
F 75231 Paris Cdx 05  
France  
☎ 33 1 43 29 1225  
① 33 1 45 87 3489

**Percy John R**

Science Div  
Univ Toronto  
Erindale College  
Mississauga ON L5L 1C6  
Canada  
☎ 1 905 828 5351  
① 1 905 828 5328  
✉ jpercy@credit.erin.utoronto.ca

**Perdang Jean M**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
① 32 4 254 7511  
✉ perdang@astro.ulg.ac.be

**Perdomo Raul**

Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
① 54 221 421 1761  
✉ perdomo@fcagcp.edu.ar

**Perdrix John**

PO Box 107  
Jolimont DC WA 6319  
Australia  
☎ 61 8 9387 4250  
① 61 8 9387 3981  
✉ astral@dragon.net.au

**Perea-Duarte Jaime D**

Inst Astrofisica  
Andalucia Apt 3004  
PO Box Albareda 1  
E 18080 Granada  
Spain  
☎ 34 958 121311  
① 34 958 814530  
✉ jaime@iaa.es

**Perek Lubos**

Astron Inst  
Czech Acad Sci  
Bocni li 1401  
CZ 141 31 Praha 4  
Czech Rep  
☎ 420 2 67 10 3068  
① 420 2 76 90 23  
✉ perek@ig.cas.cz

**Peres Giovanni**

Osserv Astronomico  
Univ d Palermo  
Piazza Parlamento 1  
I 90134 Palermo  
Italy  
☎ 39 09 165 17998  
① 39 09 165 17292  
✉ peres@oapa.astro.unipa.it

**Perez Enrique**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
① 34 2 226 3005  
✉ epj@iac.es

**Perez Fournon Ismael**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 605257  
① 34 922 605210  
✉ ipf@iac.es

**Perez de Tejada H A**

Observ  
UNAM  
Apt 877  
Ensenada BC 22800  
Mexico  
☎ 52 6 174 4580  
① 52 6 174 4607

**Perez-Peraza Jorge A**

Inst Geisica  
UNAM  
Delegation Coyoacan  
Mexico DF 04510  
Mexico  
☎ 52 5 548 1375  
① 52 5 550 2486  
✉ japerez@astroscu.unam.mx

**Perinotto Mario**

Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
① 39 055 220 039  
✉ mariop@arcetri.astro.it

**Perkins Francis W**

Plasma Physics Lab  
Princeton Univ  
Box 451  
Princeton NJ 08544 1001  
USA  
☎ 1 609 683 2603  
① 1 609 243 2751

**Perley Richard Alan**

NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7312  
① 1 505 835 7027  
✉ rperley@nrao.edu

**Perola Giuseppe C**

Dipt di Fisica  
Univ d Roma La Sapienza  
Via della Vasca Navale 84  
I 00146 Roma  
Italy  
☎ 39 06 440 3734  
① 39 06 440 3673  
✉ perola@fis.uniroma3.it

**Perrier-Bellet Christian**

Observ  
Lab Astrophysique  
BP 53  
F 38041 S Martin Heres Cdx  
France  
☎ 33 4 76 51 4788  
① 33 4 76 44 8821  
✉ perrier@obs.ujf.grenoble.fr

**Perrin Jean-Marie**

LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5900  
① 33 4 91 66 1855

**Perrin Marie-Noel**

Observ  
DASGAL  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2245  
① 33 1 40 51 2232

**Perry Charles L**

Dpt Phys/Astronomy  
Louisiana State Univ  
Baton Rouge LA 70803-4001  
USA  
✉ perry@lsu.mvs.edu

**Perry Judith J**

Inst Astronomy  
The Observatories,  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 527  
① 44 12 23 337 573  
✉ jjp@ast.cam.ac.uk

**Perry Peter M**

915 Harwood Rd  
Harwood MD 20706  
USA  
☎ 1 301 261 7527  
① 1 301 261 4279  
✉ pmperry@erols.com

**Perryman Michael A C**  
ESA/ESTEC  
Keplerlaan 1  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 3615  
☎ 31 71 565 4690  
✉ mperryma@astro.estec.esa.nl

**Persi Paolo**  
IAS CNR  
Area di Ricerca di Tor Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
☎ 39 06 206 60188  
✉ persi@fsvi.rm.fra.cnr.it

**Persides Sotirios C**  
Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 1357

**Pesch Peter**  
Physics Dpt  
CWRU  
Rock Bdg  
Cleveland OH 44106  
USA

**Pesek Ivan**  
Astron Observ  
Technical Univ  
Thakurova 7  
CZ 166 29 Praha 6  
Czech Rep  
✉ pesek@fsv.cvut.cz

**Peters Geraldine Joan**  
Space Sci Ctr  
USC  
SHS MC 1341  
Los Angeles CA 90089 1341  
USA  
☎ 1 213 740 6336  
☎ 1 213 740 6342  
✉ gjpeters@mucen.usc.edu

**Peters William L III**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 5380  
☎ 1 520 621 5554  
✉ peters@as.arizona.edu

**Petersen J Otzen**  
Astron Observ  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5994  
☎ 45 35 32 5989

**Peterson Bradley Michael**  
Astronomy Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 292 7886  
☎ 1 614 292 2928  
✉ peterson@payne.mps.ohio-state.edu

**Peterson Bruce A**  
MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 881 111  
☎ 61 262 490 233

**Peterson Charles John**  
Dpt Phys/Astronomy  
Univ Missouri  
223 Physics Bldg  
Columbia MO 65211  
USA  
☎ 1 314 882 3217  
✉ physn224@mizzou1.missouri.edu

**Peterson Deane M**  
Dpt Earth/Space Sci  
Astronomy Program  
Suny at Stony Brook  
Stony Brook NY 11794 2100  
USA  
☎ 1 516 632 8223  
☎ 1 516 632 8240  
✉ dpeterson@astro.sunysb.edu

**Peterson Laurence E**  
CASS  
UCSD  
C 011  
La Jolla CA 92093 0216  
USA  
☎ 1 619 534 3461  
☎ 1 619 534 2294  
✉ lepeter@ucsd.edu

**Peterson Ruth Carol**  
607 Marion Pl  
Palo Alto CA 94301  
USA  
☎ 1 408 459 3559  
☎ 1 408 426 3115  
✉ peterson@lick.ucsc.edu

**Petford A David**  
Astrophysics Dpt  
Univ Oxford  
South Parks Rd  
Oxford OX1 3RQ  
UK  
☎ 44 186 551 1336  
☎ 44 186 527 3947

**Pethick Christopher J**  
NORDITA  
Blegdamsvej 17  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5500  
☎ 45 35 38 9157  
✉ pethick@nbivax.nbi.dk

**Petit Gerard**  
BIPM  
Pavillon de Breteuil  
F 92312 Sevres Cdx  
France  
☎ 33 1 45 07 7067  
☎ 33 1 45 07 7059  
✉ gpetit@bipm.org

**Petit Jean-Marc**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3089  
☎ 33 4 92 00 3033  
✉ petit@obs-nice.fr

**Petitjean Patrick**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8150  
☎ 33 1 44 32 8001  
✉ ppetitje@iap.fr

**Petkaki Panagiota**  
Imperial College London  
Space & Atmospheric  
Sciences  
Blackett Laboratory  
London SW7 2BZ UK  
UK  
☎ 44 20 7594 7899  
☎ 44 20 7594 7772  
✉ g.petkaki@ic.ac.uk

**Peton Alain**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
☎ 33 4 91 62 1190  
✉ Alain.Peton@observatoire.cnrs-mrs.fr

**Petre Robert**  
NASA GSFC  
Code 666  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3844  
☎ 1 301 286 1684  
✉ petre@lheavx.gsfc.nasa.gov

**Petrini Daniel**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3020  
☎ 33 4 92 00 3033  
✉ petrini@obs-nice.fr

**Petro Larry David**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4501  
☎ 1 410 338 1592  
✉ petro@stsci.edu

**Petropoulos Basil Ch**  
Res Ctr Astronomy  
Acad Athens  
14 Anagnostopoulou St  
GR 106 73 Athens  
Greece  
☎ 30 1 361 3589  
📞 30 1 363 1606

**Petrosian Artashes R**  
Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 2 270869  
📞 374 2 524902  
✉ vahe@ipia.sci.am

**Petrosian Vahe**  
Ctr for Space Sci/  
Astrophysics  
Stanford Univ ERL 304  
Stanford CA 94305 4055  
USA  
☎ 1 415 723 1436  
📞 1 415 723 4840  
✉ vahe@bigbang.stanford.edu

**Petrov G M**  
Nikolaev Observ  
Observatorna 1  
327030 Nikolaev  
Ukraine  
☎ 380 5123 75206  
📞 380 5123 62420  
✉ root@mao.nikolaev.ua

**Petrov Gennadij M**  
Inst Radio/Electron  
Acad Sciences  
Marx Av 18  
103907 Moscow  
Russia

**Petrov Georgy Trendafilov**  
Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
📞 359 2 75 8927  
✉ petrov@astro.bas.bg

**Petrov Peter P**  
Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
98409 Crimea  
Ukraine  
☎ 380 6554 71161  
📞 380 6554 40704  
✉ petrov@crao.crimea.uk

**Petrovay Kristof**  
Astronomy Dpt  
Eotvos Univ  
Ludovika ter 2  
HU 1083 Budapest  
Hungary  
☎ 36 1 114 1019  
📞 36 1 210 1089  
✉ kris@innin.elte.hu

**Petrovskaya Margarita S**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 49 22  
📞 7 812 123 43 35  
✉ petrovsk@gao.spb.ru

**Pettengill Gordon H**  
Ctr for Space Res  
MIT Rm 37 641  
77 Massachusetts Ave  
Cambridge MA 02139 4307  
USA  
☎ 1 617 253 4281  
📞 1 617 253 0861  
✉ ghp@space.mit.edu

**Pettersen Bjoern Ragnvald**  
Inst Mapping Sciences  
Norwegian Agricultural Univ  
PO Box 5034  
N 1432 Aas  
Norway  
☎ 47 64 94 73 49  
📞 47 64 94 88 56  
✉ bjorn.pettersen@ikf.nlh.no

**Pettini Marco**  
Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2282  
📞 39 055 220 039  
✉ pettini@arcetri.astro.it

**Pettini Max**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
✉ pettini@ast.cam.ac.uk

**Petuchowski Samuel J**  
Bromberg/Sunstein LLP  
125 Summer St  
Boston MA 02146  
USA  
☎ 1 617 443 9292  
📞 1 617 353 0004  
✉ spetuchowski@bromsun.com

**Pevtsov Alexei A**  
National Solar Observ  
PO Box 62  
Sunspot NM 88349  
USA  
☎ 1 505 434 7011  
📞 1 505 434 7029  
✉ apevtsov@sunspot.noaa.edu

**Peyturaux Roger H**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8007  
📞 33 1 44 32 8001  
**Pfau Werner**  
Astrophysik Inst  
Univ Sternwarte  
Schillergaesschen 2  
D 07745 Jena  
Germany  
☎ 49 364 163 0320  
📞 49 364 163 0417  
✉ pfau@astro.uni-jena.de

**Pfeiffer Raymond J**  
8 Barbara Lane  
Titusville NJ 08560  
USA  
☎ 1 609 883 4612

**Pfenniger Daniel**  
Observ  
Chemin d Maillettes 51  
CH 1290 Sauverny  
Switzerland  
☎ 41 22 755 2611  
📞 41 22 755 3983  
✉ Daniel.pfenniger@obs.unige.ch

**Pfleiderer Jorg**  
Inst Astronomie  
Technikerstr 15  
A 6020 Innsbruck  
Austria  
☎ 43 512 507 6030  
📞 43 512 507 2923  
✉ chef@ast1.uibk.ac.at

**Pflug Klaus**  
Kunersdorfer Strasse 20a  
D 14473 Potsdam  
Germany

**Pham-Van Jacqueline**  
OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 36 5849  
📞 33 4 93 40 5353

**Phelps Randy L**  
Dpt Physics / Astron  
California State Univ  
6000 J Street  
Sacramento CA 95819  
USA  
☎ 1 916 278 6268  
📞 1 916 278 6518  
✉ phelps@csus.edu

**Philip A G Davis**  
1125 Oxford Pl  
Schenectady NY 12308  
USA  
☎ 1 518 374 5636  
📞 1 518 346 5781  
✉ agdp@union.edu

**Phillips John G**  
Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA  
☎ 1 415 642 5275  
📞 1 510 642 3411



**Phillips John Peter**

Inst Astronomía/  
Meteorología  
Av Vallarta 2602  
CP 44130  
Guadalajara Jalisco  
Mexico  
☎ 52 3 616 4937  
① 52 3 615 9829  
✉ jpp@  
udgserv.cencar.udg.mx

**Phillips Kenneth J H**

Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 446 424  
① 44 12 35 446 667  
✉ phillips@  
solg2.bnsc.rl.ac.uk

**Phillips Mark M**

Las Campanas Observ  
Casilla 601  
La Serena  
Chile  
☎ 56 51 22 4680  
① 56 51 22 7817  
✉ mmp@lco.cl

**Phillips Thomas Gould**

CALTECH  
MS 320 47  
Pasadena CA 91125  
USA  
☎ 1 818 356 4278

**Piacentini Ruben**

Observ  
de Rosario  
Cc 606  
2000 Rosario  
Argentina  
☎ 54 41 63 084  
① 54 41 63 084

**Piatti Andres Eduardo**

IAFE  
CC 67  
Suc. 28  
1428 Buenos Aires  
Argentina  
☎ 54 311 4789 0179  
① 54 311 4786 8114  
✉ andres@iafe.uba.ar

**Piazza Liliana Rizzo**

CRAAE INPE  
EPUSP/PTR  
CP 61548  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 815 9322\*3620  
① 55 11 815 6289

**Picat Jean-Pierre**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
① 33 5 61 27 3179

**Picca Domenico**

Dpt Fisica  
Univ d Bari  
I 70123 Bari  
Italy  
☎ 39 08 024 3215  
① 39 08 024 2434

**Piccioni Adalberto**

Osserv Astronom  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 401  
① 39 051 259 407

**Pick Monique**

Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7811  
① 33 1 45 07 7959  
✉ Monique.Pick@obspm.fr

**Pickles Andrew John**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 6756  
① 1 808 988 2790  
✉ pickles@ifa.hawaii.edu

**Piddington Jack H Res Fel**

CSIRO NmML  
Lindfield  
Sydney NSW 2070  
Australia  
☎ 61 2 9467 6211  
① 61 2 660 2903

**Pier Jeffrey R**

USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 520 779 5132  
① 1 520 774 3626

**Pierce A Keith**

NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
① 1 520 325 9360

**Pierce David Allen**

7706 Wastlawn Av  
Los Angeles CA 90045  
USA

**Pierre Marguerite**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 3492  
① 33 1 69 08 6577  
✉ mpierre@cea.fr

**Pigatto Luisa**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
① 39 049 875 9840

**Pigulski Andrzej**

Astron Inst  
Wroclaw Univ  
Ul Kopernika 11  
PL 51 622 Wroclaw  
Poland  
☎ 48 71 372 9373/74  
① 48 71 372 9378  
✉ pigulski@  
astro.uni.wroc.pl

**Pirola Vilppu E**

Turku Univ  
Tuorla Observ  
Vaaisaelaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 274 4274  
① 358 2 243 3767  
✉ vilppu.pirola@  
astro.utu.fi

**Piironen Jukka O**

Helsinki Univ  
Observ  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 9 1912 4353  
① 358 9 1912 2952  
✉ Jukka.Piironen@  
astro.helsinki.fi

**Pijpers Frank Peter**

Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 89 42 3714  
① 45 86 12 0740  
✉ fpp@aauiobs.obs.aau.dk

**Pike Christopher David**

Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 123 582 1900  
① 44 123 544 5808

**Pikichian Hovhannes**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 2 450 136  
✉ hovpik@bao.sci.am

**Pilachowski Catherine**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
① 1 520 325 9360  
✉ catyp@noao.edu

**Pilcher Carl Bernard**  
233 Kent Oaks Way  
Gaithersburg MD 20878  
USA

**Pilkington John D H**  
22 Hawthylands Cres  
Hailsham  
E Sussex BN27 1HG  
UK  
✉ [jdhp@mail.ast.cam.ac.uk](mailto:jdhp@mail.ast.cam.ac.uk)

**Pillinger Colin**  
Dpt Earth Sci  
Open Univ  
Walton Hall  
Milton Keynes MK7 6AA  
UK  
☎ 44 1908 652 119  
📠 44 1908 655 910

**Pilyugin Leonid**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 63110  
📠 380 4426 62147

**Pineau des Forets  
Guillaume**  
Observ  
DAEC  
PI J Janssen  
F 92195 Meudon PPL CdX  
France  
☎ 33 1 45 07 7454  
📠 33 1 45 07 7123  
✉ [forets@obspm.fr](mailto:forets@obspm.fr)

**Pineault Serge**  
Dpt d Physique  
Universite Laval  
Sainte Foy PQ G1K 7P4  
Canada  
☎ 1 418 656 3901  
📠 1 418 656 2040  
✉ [pineault@phy.ulaval.ca](mailto:pineault@phy.ulaval.ca)

**Pineda de Carias Maria  
Cristina**  
CAAOS  
UNAH  
Apdo 4432  
Tegucigalpa MDC  
Honduras  
☎ 504 32 21 10\*230  
📠 504 31 95 08  
✉ [mcarias@hondutel.hn](mailto:mcarias@hondutel.hn)

**Pines David**  
Physics Dpt  
Univ Illinois  
1110 W Green St  
Urbana IL 61801 3080  
USA  
☎ 1 217 333 0115  
📠 1 217 244 7638

**Pingree David**  
Brown Univ  
Box 1900  
Providence RI 02912  
USA  
☎ 1 401 863 2101

**Pinigin Gennadij I**  
Nikolaev Observ  
Observatorna 1  
327030 Nikolaev  
Ukraine  
☎ 380 5123 75206  
📠 380 5123 62420  
✉ [root@mao.nikolaev.ua](mailto:root@mao.nikolaev.ua)

**Pinkau K**  
MPI Plasmaphysik  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 342  
📠 49 893 299 3235

**Pinotsis Antonis D**  
Astronomy Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414  
📠 30 1 723 5122

**Pinsonneault Marc Howard**  
Astronomy Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 292 5346  
📠 1 614 292 2928  
✉ [pinsono@payne.mps.ohio-state.edu](mailto:pinsono@payne.mps.ohio-state.edu)

**Pintado Olga Ines**  
Inst Fisica  
Univ Nacional Tucuman  
Congreso 330 7B  
San Miguel de Tucuman  
Argentina  
☎ 54 81 422 9073  
📠 54 81 422 8255  
✉ [opintado@tucbbs.com.ar](mailto:opintado@tucbbs.com.ar)

**Pinto Girolamo**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
📠 39 049 875 9840

**Pinto Philip Alfred**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 8678  
📠 1 520 621 1532  
✉ [ppinto@as.arizona.edu](mailto:ppinto@as.arizona.edu)

**Piotto Giampaolo**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3435  
📠 39 049 875 9840  
✉ [piotto@pd.astro.it](mailto:piotto@pd.astro.it)

**Pipher Judith L**  
Dpt Phys/Astronomy  
Univ Rochester  
Rochester NY 14627 0171  
USA  
☎ 1 716 275 4402  
📠 1 716 275 8527  
✉ [jlipher@sherman.pas.rochester.edu](mailto:jlipher@sherman.pas.rochester.edu)

**Piro Luigi**  
IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
📠 39 06 206 60188  
✉ [piro@uas.rm.cnr.it](mailto:piro@uas.rm.cnr.it)

**Pirronello Valerio**  
DMFCI  
Univ di Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 738 2805  
📠 39 095 333 231  
✉ [vpirrone@dmfci.ing.unict.it](mailto:vpirrone@dmfci.ing.unict.it)

**Piskunov Anatoly E**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
📠 7 095 230 2081  
✉ [piskunov@inasan.rssi.ru](mailto:piskunov@inasan.rssi.ru)

**Piskunov Nikolai E**  
Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
📠 46 18 471 5999  
✉ [piskunov@astro.uu.se](mailto:piskunov@astro.uu.se)

**Pitjev Nicolai**  
Astron Inst St Petersburg  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 428 46 65  
📠 7 812 428 7129  
✉ [pnnp@astro.spbu.ru](mailto:pnnp@astro.spbu.ru)

**Pitjeva Elena**  
Inst Applied Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 275 09 78  
📠 7 812 275 11 19  
✉ [evp@quasar.ipa.nw.ru](mailto:evp@quasar.ipa.nw.ru)

**Pittich Eduard M**  
Astron Inst  
Slovak Acad Sci  
Dubravska 9  
SK 842 28 Bratislava  
Slovakia  
☎ 421 7 37 5157  
📠 421 7 37 5157  
✉ [pittich@savba.sk](mailto:pittich@savba.sk)

**Pitz Eckhart**

MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 81  
📠 49 622 152 8246

**Pizzella Alessandro**

Osserv Astrisico  
Univ di Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy  
☎ 39 042 460 0020  
📠 39 042 460 0023  
✉ pizzella@pd.astro.it

**Pizzella G**

Dpt Fisica  
Univ d Roma La Sapienza  
Pl A Moro 2  
I 00185 Roma  
Italy  
☎ 39 06 494 0156  
📠 39 06 202 3507

**Pizzichini Graziella**

TeSRE  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 8694  
📠 39 051 639 8724  
✉ graziella@ira.bo.cnr.it

**Plachinda Sergei I**

Crimean Astrophys Observ  
P/B 4, p/o Naukove  
Crimea 98409  
Ukraine  
☎ 380 6554 71166  
📠 380 6555 40704  
✉ plach@crao.crimea.ua

**Planesas Pere**

Observ  
Nacional  
Apt 1143  
E 28800 Alcalá d Henares  
Spain  
☎ 34 1 885 5060  
📠 34 1 885 5062  
✉ planesas@oan.es

**Plassard J**

Ksara Observ  
Ksara  
Lebanon

**Plastino Angel Ricardo**

Observ  
Paseo d Bosque S/n  
CC 727  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 523 995  
📠 54 221 258 138  
✉ plastino@fcaglp.fcaglp.unlp.edu.ar

**Platais Imants**

Astrometry Dept  
USNO  
3450 Massachusetts Ave NW  
Washington DC 20392  
USA  
☎ 1 202 762 0097  
📠 1 202 762 1516  
✉ imants@usno.navy.mil

**Plavec Mirek J**

Dpt Astronomy/Phys  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 825 1672  
📠 1 310 206 2096

**Plavec Zdenka**

Dpt Astronomy/Phys  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 206 8596  
📠 1 310 206 2096

**Plez Bertrand**

GRAAL cc 072  
Univ Montpellier II  
F 34095 Montpellier Cdx 5  
France  
☎ 33 4 67 14 48 91  
📠 33 4 67 14 45 35  
✉ plez@graal.univ-montp2.fr

**Plionis Manolis**

Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 346 1191  
📠 30 1 346 4566  
✉ plionis@sapfo.astro.noa.gr

**Pneuman Gerald W**

550 Roe Rd  
Paradise CA 95969  
USA

**Podolak Morris**

Dpt Geophysics  
Tel Aviv Univ  
Ramat Aviv 69978  
Israel  
☎ 972 3 640 8620  
📠 972 3 640 9282  
✉ morris@post.tau.ac.il

**Podsiadlowski Philipp**

Oxford Univ  
Nuclear/Astrophysics Lab  
Keble Rd  
Oxford OX1 3RH  
UK  
☎ 44 186 527 3343  
📠 44 186 527 3390  
✉ podso@astro.ox.ac.uk

**Poedts Stefaan**

Ctr Plasma Astrophys  
Katholieke Univ Leuven  
Celestijnenlaan 200B  
B 3001 Heverlee  
Belgium  
☎ 32 16 327 0223  
📠 32 16 327 999  
✉ stefaan.poedts@wis.kuleuven.ac.be

**Pogge Richard William**

Astronomy Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 292 0279  
📠 1 614 292 2928  
✉ pogge@astronomy.ohio-state.edu

**Poggianti Bianca M**

Osserv Astronom  
Univ di Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3506  
📠 39 049 875 9840  
✉ biancap@pd.astro.it

**Pogodin Mikhail A**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4400  
📠 7 812 314 3360  
✉ pogodin@pulkovo.spb.ru

**Pogrebenko Sergei**

JIVE  
Box 2  
NL 7991 PD Dwingeloo  
Netherlands  
☎ 31 521 59 6500  
📠 31 521 59 7332  
✉ pogrebenko@jive.nl

**Pohjolainen Silja H**

Tuorla Observ  
Vaisalantie 20  
FIN 21500 Piikio  
Finland  
☎ 358 40 564 3193  
📠 358 2 24 33 767  
✉ spo@astro.utu.fi

**Pojmanski Grzegorz**

Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 629 4011  
📠 48 22 629 4967  
✉ gp@sirius.astronw.edu.pl

**Pokorny Zdenek**

N Copernicus Observ  
& Planetarium  
Kravi Hora  
CZ 616 00 Brno 16  
Czech Rep  
☎ 420 5 4132 1287  
✉ zpokorny@sci.muni.cz

**Pokrzywka Bartlomiej**

Mt Suhora Astron Observ  
Krakow Pedagogical Univ  
Ul Podchorznych 2  
PL 30 084 Krakow  
Poland  
☎ 48 12 374 777\*280  
📠 48 12 372 243  
✉ sfpokrzy@cyf-kr.edu.pl

- Poland Arthur I**  
NASA GSFC  
Code 682  
Greenbelt MD 20771  
USA  
☎ 1 301 286 7334
- Polatidis Antonios**  
Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5505  
① 46 31 772 5590  
✉ apolatid@oso.chalmers.se
- Polcaro V F**  
IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34456  
① 39 06 206 60188  
✉ polcaro@ias.rm.cnr.it
- Polechova Pavla**  
Observ  
Petrin 205  
CZ 118 46 Praha 1  
Czech Rep  
☎ 420 2 53 53513  
① 420 2 258 940  
✉ Pavla.Polechov@ecn.cz
- Poletto Giannina**  
Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2252  
① 39 055 220 039  
✉ poletto@arcetri.astro.it
- Poliakov Eugene V**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4555  
① 7 812 315 1701  
✉ poliakov@gao.spb.su
- Polidan Ronald S**  
NASA GSFC  
Code 681 0  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5039  
① 1 301 286 8709
- Pollacco Don**  
Astrophysics Group  
Liverpool J M Univ  
Byrom St  
Liverpool L3 3AF  
UK  
☎ 44 151 231 2337  
① 44 151 231 2337  
✉ dlp@starul.livjm.ac.uk
- Pollard Karen**  
Dpt Phys/Astronomy  
Univ Canterbury  
Private Bag 4800  
Christchurch 1  
New Zealand  
☎ 64 3 364 2987\*7579  
① 64 3 364 2469  
✉ k.pollard@phys.canterbury.ac.nz
- Pollas Christian**  
OCA  
Observ Calern/Caussols  
2130 r Observatoire  
F 06460 S Vallier Thiey  
France  
☎ 33 4 93 40 5437  
① 33 4 93 40 5433  
✉ pollas@obs.azur.fr
- Polnitzky Gerhard**  
Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 875  
① 43 1 427 795 18  
✉ polnitzky@astro.univie.ac.at
- Polosukhina-Chuvaeva Nina**  
Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
① 380 6554 40704  
✉ polo@crao.crimea.ua
- Polozhentsev Dimitrij D**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4453  
① 7 812 123 1922  
✉ ddp@mahis.spb.su
- Pols Onno R**  
Dpt Mathematics/Statistics  
PO Box 28M  
Manosh Univ  
Clayton VIC 3800  
Australia  
☎ 61 3 9905 4502  
① 61 3 9905 4435  
✉ onno@mail.maths.monash.edu.au
- Polyachenko Valerij L**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya U1 48  
109017 Moscow  
Russia  
☎ 7 095 231 3980  
① 7 095 230 2081  
✉ iaas@node.ias.msk.su
- Polygiannakis John**  
Physics Section Astron  
Nat Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 723 5122  
① 30 1 723 8413  
✉ ipolig@cc.uoa.gr
- Polymilis Chronis**  
Astronomy Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414  
① 30 1 723 5122  
✉ spmso@grathun1
- Poma Angelo**  
Osserv Astronomico  
d Cagliari  
Poggio d Pini 54  
I 09012 Capoterra  
Italy  
☎ 39 07 072 5246  
① 39 07 072 5425  
✉ poma@ca.astro.it
- Ponce G A**  
Apdo P 3023  
Tegucigalpa MDC  
Honduras  
① 504 327 196  
✉ gponce@ns.hondunet.net
- Pongracic Helen**  
Air Operations Division  
Defence Science & Tech  
Organisation  
P.O. Box 433  
Melbourne Vic 3001  
Australia  
☎ 61 3 9626 7297  
① 61 3 9626 7084  
✉ Helen.Pongracic@dsto.defence.gov.au
- Ponman Trevor**  
Dpt Space Res  
Univ Birmingham  
Box 363  
Birmingham B15 2TT  
UK  
☎ 44 12 14 721 301
- Ponsonby John E B**  
NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
① 44 147 757 1618
- Pont Frederic**  
Observ  
Chemin des Maillettes, 51  
1290 Sauvigny  
Switzerland  
✉ frederic.pont@obs.unige.ch
- Poole Graham**  
Dpt Phys/Electronics  
Rhodes Univ  
Box 94  
6140 Grahamstown  
South Africa  
☎ 27 461 318 454/318450  
① 27 461 250 49  
✉ phgp@ruchem.ru.ac.za

**Pooley Guy**

MRAO  
 Cavendish Laboratory  
 Madingley Rd  
 Cambridge CB3 0HE  
 UK  
 ☎ 44 12 23 337 294  
 ☎ 44 12 23 354 599

**Pop Alexandru Viorel**

Astron Inst  
 Cluj-Napoca Observ  
 Str Ciresilor 19  
 RO 3400 Cluj Napoca  
 Romania  
 ☎ 40 64 194592  
 ☎ 40 64 196889  
 ✉ apop@academie.cj.edu.ro

**Pop Vasile**

Fac Mathematics  
 Univ Cluj Napoca  
 Ul Kogalniceanu 1  
 RO 3400 Cluj Napoca  
 Romania  
 ☎ 40 64 116 101  
 ☎ 40 64 194 592

**Popelar Josef**

Geodetic Survey Division  
 Canada Ctr for Survey  
 615 Booth St  
 Ottawa ON K1A 0E9  
 Canada

**Popescu Cristina Carmen**

MPIfK  
 Saupfercheckweg 1  
 D 67117 Heidelberg  
 Germany  
 ☎ 49 62 215 16260  
 ☎ 49 62 21 5 16324  
 ✉ popescu@  
 levi.mpi-hd.mpg.de

**Popescu Nedelia A**

Astron Inst  
 Romanian Acad Sci  
 Cutitul de Argint 5  
 RO 75212 Bucharest  
 Romania  
 ☎ 40 1 335 6892  
 ☎ 40 1 337 3389  
 ✉ delia@roastro.astro.ro

**Popescu Petre**

Astron Inst  
 Romanian Acad Sci  
 Cutitul de Argint 5  
 RO 75212 Bucharest  
 Romania  
 ☎ 40 1 335 6892  
 ☎ 40 1 337 3389  
 ✉ petre@roastro.astro.ro

**Popov Michkail V**

Space Res Inst  
 Acad Sciences  
 PrBoxsojuznaya Ul 84/32  
 117810 Moscow  
 Russia  
 ☎ 7 095 333 2512  
 ☎ 7 095 333 2378  
 ✉ pian@sovam.com

**Popov Vasil Nikolov**

Astronomy Dpt  
 Bulgarian Acad Sci  
 72 Tsarigradsko Shosse Blvd  
 BG 1784 Sofia  
 Bulgaria  
 ☎ 359 2 75 8927  
 ☎ 359 2 75 8927  
 ✉ vpopov@skyarchive.org

**Popov Victor S**

Pulkovo Observ  
 Acad Sciences  
 10 Kutuzov Quay  
 196140 St Petersburg  
 Russia  
 ☎ 7 812 298 2242  
 ☎ 7 812 315 1701  
 ✉ gnedin@pulkovo.spb.su

**Popovic Georgije**

Astron Observ  
 Volgina 7  
 11060 Beograd  
 Yugoslavia FR  
 ☎ 381 1 141 9357/421 875  
 ☎ 381 1 141 9553  
 ✉ gpovic@matf.bg.ac.yu

**Poppel Wolfgang G I**

IAR  
 CC 5  
 1894 Villa Elisa (Bs As)  
 Argentina  
 ☎ 54 221 425 4909/221 487  
 0230  
 ☎ 54 221 425 4909  
 ✉ wpoppel@  
 irma.iar.unlp.edu.ar

**Poquerusse Michel**

Observ  
 DESPA  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7530  
 ☎ 33 1 45 07 7971  
 ✉ Michel.Poquerusse@  
 obspm.fr

**Porcas Richard**

MPIfR  
 Univ Bonn  
 auf d Huegel 69  
 D 53121 Bonn  
 Germany  
 ☎ 49 228 525 282  
 ☎ 49 228 525 229  
 ✉ porcas@  
 mpifr-bonn.mpg.de

**Porceddu Ignazio E P**

Osserv Astronomico  
 d Cagliari  
 Poggio d Pini 54  
 I 09012 Capoterra  
 Italy  
 ☎ 39 07 072 5246  
 ☎ 39 07 072 5425  
 ✉ iporcedd@ca.astro.it

**Poretti Ennio**

Osserv Astronomico  
 d Milano  
 Via E Bianchi 46  
 I 22055 Merate  
 Italy  
 ☎ 39 09 906 412  
 ☎ 39 09 908 492  
 ✉ poretti@astmib.infn.it

**Porfir'ev Vladimir V**

Pedagogic Inst  
 Ministry Education  
 107846 Moscow  
 Russia

**Porter Jason G**

NASA MSFC  
 Space Science Lab  
 Code ES 52  
 Huntsville AL 35812  
 USA  
 ☎ 1 205 544 7607  
 ☎ 1 205 544 5862

**Porter Neil A**

Physics Dpt  
 Univ College  
 Belfield  
 Dublin 4  
 Ireland  
 ☎ 353 1 693 244\*211  
 ☎ 353 1 671 1759

**Porto de Mello Gustavo F**

Observ  
 UFRJ  
 Ladeira Pedro Antonio 43  
 20080 090 Rio de Janeiro  
 Brazil  
 ☎ 55 21 263 0685  
 ☎ 55 21 263 0685  
 ✉ gustavo@ov.ufrj.br

**Porubcan Vladimir**

Astron Inst  
 Slovak Acad Sci  
 Dubravska 9  
 SK 842 28 Bratislava  
 Slovakia  
 ☎ 421 7 5477 5157  
 ☎ 421 7 5477 5157  
 ✉ astropor@savba.sk

**Postnov Konstantin A**

SAI  
 Acad Sciences  
 Universitetskij Pr 13  
 119899 Moscow  
 Russia  
 ☎ 7 095 939 5006  
 ☎ 7 095 932 8841  
 ✉ pk@sai.msu.su

**Pottasch Stuart R**

Kapteyn Sterrekundig Inst  
 Univ Groningen  
 Box 800  
 NL 9700 AV Groningen  
 Netherlands  
 ☎ 31 50 363 4073  
 ☎ 31 50 363 6100

**Potter Andrew E**

NASA JSC  
 Code SN3  
 Houston TX 77058  
 USA  
 ☎ 1 713 483 5276  
 ☎ 1 713 483 5347

**Potter Heino I**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4412  
☎ 7 812 123 1922  
✉ hip@ace.spb.su

**Potter Stephen B**

SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
☎ 27 21 447 3639  
✉ sbp@sao.ac.za

**Poulakos Constantine**

Res Ctr Astronomy  
Acad Athens  
14 Anagnostopoulou St  
GR 106 73 Athens  
Greece  
☎ 30 1 361 3589  
☎ 30 1 363 1606

**Poulle Emmanuel**

Ecole Ntle des Chartes  
19 r de la Sorbonne  
F 75005 Paris  
France  
☎ 33 1 45 89 4857

**Pound Marc W**

Astronomy Dpt  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 1520  
☎ 1 301 314 9067  
✉ mpound@astro.umd.edu

**Pounds Kenneth A**

Dpt Phys/X-Ray Astron  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 3509  
☎ 44 116 250 3311  
✉ kap@star.le.ac.uk

**Pouquet Annick**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3057  
☎ 33 4 92 00 3033  
✉ pouquet@obs-nice.fr

**Pourbaix Dimitri**

Inst Astrophysique  
Univ Bruxelles  
Campus Plaine CP 226  
B 1050 Bruxelles  
Belgium  
☎ 32 2 650 3571  
☎ 32 2 650 4226  
✉ pourbaix@astro.ulb.ac.be

**Poutanen Juri**

Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
☎ 46 18 471 5999  
✉ juri@astro.uu.se

**Poveda Arcadio**

Inst Astronomia  
UNAM  
Circuito Exterior, Cd.  
Universitaria  
Mexico DF 04510  
Mexico  
☎ 52 5 622 8524  
☎ 52 5 655 3862  
✉ poveda@servidor.unam.mx

**Povel Hanspeter**

Inst Astronomie  
ETH Zentrum  
CH 8092 Zurich  
Switzerland  
☎ 41 1 632 4222  
☎ 41 1 632 1205  
✉ povel@astro.phys.ethz.ch

**Poyet Jean-Pierre**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
☎ 33 5 61 27 3179

**Prabhakaran Nayar S R**

Physics Dpt  
Univ Kerala  
Kariyavattom  
Trivandrum 695 581  
India  
☎ 91 471 41 8920

**Prabhu Tushar P**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672  
☎ 91 80 553 4043  
✉ tpp@iiap.ernet.in

**Praderie Francoise**

Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2116  
☎ 33 1 40 51 2023

**Pradhan Anil**

Astronomy Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 292 5850  
☎ 1 614 292 2928  
✉ pradhan@ohstpy

**Prantzos Nikos**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8188  
☎ 33 1 44 32 8001  
✉ nikos@iap.fr

**Prasad Sheo S**

Creative Research  
Enterprises  
PO Box 174  
6354 Camino del Lago  
Pleasanton CA 94566  
USA  
☎ 1 925 426 9341  
☎ 1 925 426 9417  
✉ ssp@CreativeResearch.org

**Prasanna A R**

PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
☎ 91 272 44 5292

**Pratap R**

Inst Applied Sciences  
Cochin 682 317  
India

**Pravdo Steven H**

CALTECH/JPL  
MS 168 222  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 4134  
☎ 1 818 393 6030

**Pravec Petr**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 649 201  
☎ 420 204 620 110  
✉ ppravec@asu.cas.cz

**Predeanu Irina**

Astron Inst  
Romanian Acad Sci  
Cutitul de Argint 5  
RO 75212 Bucharest  
Romania  
☎ 40 1 641 3686  
☎ 40 1 312 3391  
✉ ipredeanu@roastro.astro.ro

**Preite Martinez Andrea**

IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 3447/3  
☎ 39 06 206 60188  
✉ andrea@saturn.ias.rm.cnr.it

**Preka-Papadema P**

Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 723 5122  
① 30 1 723 5122

**Premadi Premana W**

Bosscha Observ  
ITB Lembang  
Lembang 40391  
Indonesia  
☎ 62 22 278 6001  
① 62 22 278 6001  
✉ premadi@bosscha.itb.ac.id

**Prendergast Kevin H**

Astronomy Dpt  
Columbia Univ  
538 W 120th St  
New York NY 10027  
USA  
☎ 1 212 280 3280  
① 1 212 316 9504

**Prentice Andrew J R**

Mathematics Dpt  
Monash Univ  
Wellington Rd  
Clayton VIC 3168  
Australia  
☎ 61 3 541 0811

**Press William H**

Los Alamos National Lab  
P.O. Box 1663  
Mailstop A100  
Los Alamos NM 87545  
Norway  
☎ 1 505 667 5101  
① 1 505 667 2997  
✉ wpress@lanl.gov

**Preston George W**

Carnegie Observ  
813 Santa Barbara St  
Pasadena CA 91101 1292  
USA  
☎ 1 818 577 1122  
① 1 818 795 8136  
✉ gwp@ociw.edu

**Preston Robert Arthur**

CALTECH/JPL  
MS 138 307  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 6895  
① 1 818 393 4965  
✉ rap@sgra.jpl.nasa.gov

**Preuss Eugen**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 1  
① 49 228 525 229  
✉ epreuss@mpifr-bonn.mpg.de

**Prevot Louis**

Observ Marseille  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4150  
① 33 4 91 62 1190  
✉ lprevot@observatoire.cnrs-mrs.fr

**Prevot-Burnichon Marie-Louise**

Observ Marseille/ LAM  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4150  
① 33 4 91 62 1190  
✉ mlprevot@observatoire.cnrs-mrs.fr

**Prialnik-Kovetz Dina**

Dpt Geophys/Planet Sci  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 545 0633  
① 972 3 640 9282  
  
**Price Michael J**  
Science Applications  
5151 E Broadway  
Suite 1100  
Tucson AZ 85711  
USA  
☎ 1 520 748 7400

**Price R Marcus**

Dpt Phys/Astronomy  
Univ New Mexico  
800 Yale Blvd NE  
Albuquerque NM 87131  
USA  
☎ 1 505 277 2616

**Price Stephan Donald**

USAF Research Lab/VSB  
29 Randolph Rd  
Hanscom AFB MA 01731  
3010  
USA  
☎ 1 781 377 4552  
① 1 781 377 5688  
✉ steve.price@hanscom.af.mil

**Priest Eric R**

Applied Maths Dpt  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 1334 76161\*815  
① 44 1334 74487  
✉ eric@cs.st-andrews.ac.uk

**Priester Wolfgang**

IAEF  
Univ Bonn  
auf d Huegel 71  
D 53121 Bonn  
Germany  
☎ 49 228 73 3671  
① 49 228 73 3672

**Prieto Cristina**

Univ d Vigo  
Dpt Matemat Aplicada  
EUITI  
E Vigo  
Spain  
✉ oacris@usc.es

**Prieto Mercedes**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
① 34 2 232 9117

**Prieur Jean-Louis**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2883  
① 33 5 61 33 2840  
✉ jean-louis.prieur@obs-mip.fr

**Primas Francesca**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 89 3200 6423  
① 49 89 3200 6797  
✉ fprimas@eso.org

**Prince Helen Dodson**

4800 Fillmore Av  
Alexandria VA 22311  
USA  
☎ 1 703 578 1000

**Pringle James E**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523

**Prinja Raman**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
① 44 171 380 7145

**Pritchett Christopher J**

Physics Dpt  
Univ Victoria  
Box 1700  
Victoria BC V8W 2Y2  
Canada  
☎ 1 250 721 7704  
① 1 250 721 7715

**Probstein R F**

Dpt Mechan Eng 3-246  
MIT  
77 Massachusetts Avenue  
Cambridge MA 02139  
USA  
☎ 1 617 253 2240  
✉ rfprobst@mit.edu



**Prochazka Franz V**  
 Inst Interdisziplinäre  
 Forschung & Fortbildung  
 Sterneckstrasse 15  
 9020 Klagenfurt  
 Austria  
 ☎ 43 463 2700 61111  
 ☎ 43 463 2700 6199  
 ✉ franz.prochazka@  
 uni-klu.ac.at

**Proctor Michael R E**  
 Dpt Appl Maths/Theor Phys  
 Univ Cambridge  
 Silver Street  
 Cambridge CB3 9EW  
 UK  
 ☎ 44 12 23 337 913  
 ☎ 44 12 23 337 918  
 ✉ mrep@amtp.cam.ac.uk

**Prodan Yuri I**  
 SAI  
 Acad Sciences  
 Universitetskij Pr 13  
 119899 Moscow  
 Russia  
 ☎ 7 095 139 5543  
 ☎ 7 095 939 0126

**Proffitt Charles R**  
 NASA GSFC  
 Code 684 9  
 Greenbelt MD 20771  
 USA  
 ☎ 1 301 286 3608  
 ☎ 1 301 286 7642  
 ✉ proffitt@  
 iuesoc.gsfc.nasa.gov

**Proisy Paul E**  
 Observ  
 Av Ch Andre  
 F 69561 S Genis Laval Cdx  
 France  
 ☎ 33 4 78 56 0705  
 ☎ 33 4 72 39 9791

**Prokakis Theodore J**  
 Astron Inst  
 Ntl Observ Athens  
 Box 20048  
 GR 118 10 Athens  
 Greece  
 ☎ 30 1 346 1191  
 ☎ 30 1 346 4566

**Prokhorov Mikhail E**  
 15-2-29 2nd Vladimirkaja  
 111401 Moscow  
 Russia  
 ☎ 7 095 939 5006  
 ☎ 7 095 932 8841  
 ✉ mike@sai.msu.ru

**Prokof'eva Valentina V**  
 Crimean Astrophys Observ  
 Ukrainian Acad Science  
 Nauchny  
 334413 Crimea  
 Ukraine  
 ☎ 380 6554 71161  
 ☎ 380 6554 40704

**Pronik I I**  
 Crimean Astrophys Observ  
 Ukrainian Acad Science  
 Nauchny  
 334413 Crimea  
 Ukraine  
 ☎ 380 6554 40704  
 ☎ 380 6554 40704  
 ✉ ipronik@crao.crimca.ua

**Pronik V I**  
 Crimean Astrophys Observ  
 Ukrainian Acad Science  
 Nauchny  
 334413 Crimea  
 Ukraine  
 ☎ 380 6554 40704  
 ☎ 380 6554 40704  
 ✉ vpronik@crao.crimca.ua

**Proszynski Mieczyslaw**  
 Copernicus Astron Ctr  
 Polish Acad Sci  
 Ul Bartycka 18  
 PL 00 716 Warsaw  
 Poland  
 ☎ 48 22 841 0041  
 ☎ 48 22 841 0046

**Protheroe Raymond J**  
 Physics Dpt  
 Univ Adelaide  
 Box 498  
 Adelaide SA 5001  
 Australia  
 ☎ 61 8 228 5996

**Protheroe William M**  
 8356 Burwell Circle  
 Port Charlotte FL 33981  
 3346  
 USA  
 ☎ 1 813 698 1827

**Protich Milorad B**  
 Astron Observ  
 Volgina 7  
 11160 Beograd  
 Yugoslavia FR  
 ☎ 381 1 140 2357  
 ☎ 381 1 141 9553

**Proust Dominique**  
 Observ  
 DAEC  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7411  
 ☎ 33 1 45 07 7123  
 ✉ proust@obsmp.fr

**Proverbio Edoardo**  
 Osserv Astronomico  
 d Brera  
 Via Brera 28  
 I 20121 Milano  
 Italy  
 ☎ 39 02 723 201  
 ☎ 39 02 720 01600  
 ✉ proverbio@astro.astro.it

**Provost Janine**  
 OCA  
 Observ Nice  
 BP 4229  
 F 06304 Nice Cdx 4  
 France  
 ☎ 33 4 92 00 3052  
 ☎ 33 4 92 00 3033  
 ✉ provost@obs-nice.fr

**Prusti Timo**  
 ESA/ESTEC  
 Astrophys Div  
 Box 299  
 NL 2200 AG Noordwijk  
 Netherlands  
 ☎ 31 71 565 4794  
 ☎ 31 71 565 4690  
 ✉ tprusti@  
 astro.estec.esa.nl

**Pryce Maurice H I**  
 Physics Dpt  
 UBC  
 2075 Wesbrook Pl  
 Vancouver BC V6T 1W5  
 Canada  
 ☎ 1 604 228 6417  
 ☎ 1 604 228 5324

**Pryor Carlton Philip**  
 Dpt Phys/Astronomy  
 Rutgers Univ  
 Box 849  
 Piscataway NJ 08854 0849  
 USA  
 ☎ 1 908 932 5462  
 ☎ 1 908 932 4343  
 ✉ pryor@pryor.rutgers.edu

**Pskovskij Juri P**  
 SAI  
 Acad Sciences  
 Universitetskij Pr 13  
 119899 Moscow  
 Russia  
 ☎ 7 095 139 3721  
 ☎ 7 095 939 0126

**Puche Daniel**  
 CFA  
 HCO/SAO  
 60 Garden St  
 Cambridge MA 02138 1516  
 USA  
 ☎ 1 617 495 7344  
 ☎ 1 617 495 7014  
 ✉ dpuche@cfa.harvard.edu

**Pucillo Mauro**  
 OAT  
 Box Succ Trieste 5  
 Via Tiepolo 11  
 I 34131 Trieste  
 Italy  
 ☎ 39 040 319 9255  
 ☎ 39 040 30 9418  
 ✉ pucillo@oat.ts.astro.it

**Puerari Ivanio**  
 INAOE  
 Tonantzintlaz  
 Apdo 51 y 216  
 Puebla PUE 72000  
 Mexico  
 ☎ 52 2 247 2011  
 ☎ 52 2 247 2231  
 ✉ puerari@inaoep.mx

**Puetter Richard C**  
 CASS  
 UCSD  
 C 011  
 La Jolla CA 92093 0216  
 USA  
 ☎ 1 619 534 4995  
 ☎ 1 619 534 2294



**Pugach Alexander F**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 64771  
📠 380 4426 62147

**Puget Jean-Loup**  
IAS  
Bt 121  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 85 8508  
📠 33 1 69 85 8675

**Pugliano Antonio**  
Ist Universitario Navale  
Via Acton 38  
I 80133 Napoli  
Italy  
☎ 39 08 155 24342  
📠 39 08 1552 7126  
✉ pugliano@naval.uniav.it

**Puls Joachim**  
Inst Astron/Astrophysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6022  
📠 49 89 2180 6003

**Purton Christopher R**  
DRAO  
NRCC/HIA  
Box 248  
Penticton BC V2A 6K3  
Canada  
☎ 1 250 493 2277  
📠 1 250 493 7767  
✉ uh101aw@  
usm.uni-muenchen.de

**Puschell Jeffery John**  
Lockheed Martin A/NS  
103 Chesapeake Park Plaza  
Baltimore MD 21220 4295  
USA

**Pushkin Sergey B**  
Time/Frequency Service  
Gosstandard Ussr  
117049 Moscow  
Russia

**Pustilnik Simon A**  
SAO  
Russian Acad Sciences  
Nizhnij Arkhyz, Zelenchuk  
District  
Karachai-Circassia 369167  
Russia  
☎ 7 901 498 2923  
📠 7 901 498 2931  
✉ sap@sao.ru

**Pustylnik Izold B**  
Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 410 274  
📠 372 7 410 205  
✉ izold@aai.ee

**Pyatunina Tamara B**  
Inst Appl Astronomy  
Acad Sciences  
Zhdanovskaya St 8  
197042 St Petersburg  
Russia  
☎ 7 812 230 7414  
📠 7 812 230 7413  
✉ ptb@ipa.rssi.ru

**Pye John P**  
Dpt Phys/X-Ray Astron  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 2073  
📠 44 116 250 182

**Pyper Smith Diane M**  
Physics Dpt  
Univ Nevada  
4505 S Maryland Parkway  
Las Vegas NV 89154  
USA  
☎ 1 702 739 3653  
📠 1 702 739 0804

## Q

**Qi Guanrong**

Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0430  
📠 86 29 389 0196

**Qiao Guojun**

Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 1 28 2471\*3888  
📠 86 1 25 64095

**Qiao Rongchuan**

Shaanxi Astron Observ  
CAS  
PO Box 18, Lintong  
Shaanxi 710600  
China PR  
☎ 86 29 389 0423  
📠 86 29 389 0196  
✉ rcqiao@ms.sxso.ac.cn

**Qin Bo**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 9236  
📠 86 10 6485 0103  
✉ qinbo@bao.ac.cn

**Qin Dao**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
📠 86 25 301 459

**Qin Songnian**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
📠 86 871 717 1845

**Qin Zhihai**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 34651\*2882  
📠 86 25 330 2728

**Qinchang Lin**

Room 8303, Guangzhou  
Satellite Station  
Acad Sciences  
Box 1129 Wushan  
Guangzhou 510640  
China PR  
☎ 86 20 8774 3534  
📠 86 20 8772 2081  
✉ gzgsos@  
public.l.guangzhou.gd.cn

**Qiu Puzhang**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
📠 86 871 717 1845

**Qiu Yaohui**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 335 7813  
📠 86 871 391 1845  
✉ gfb@public.km.yn.cn

**Qiu Yuhai**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6488 8704  
✉ qiu@bao.ac.cn

**Qiu Yulei**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7279  
📠 86 10 6487 7288  
✉ qiuyi@nova.bao.ac.cn

**Qu Qinyue**

Astronomy Dpt  
Nanjing Univ  
22 Hankou Lu  
Nanjing 210093  
China PR  
☎ 86 25 637 551\*3186  
📠 86 25 302 728

**Qu Zhong Quan**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
✉ zqu@cosmos.ynao.ac.cn

**Quamar Jawaid**

Univ Karachi  
C 6 Staff Town  
Karachi 75270  
Pakistan  
☎ 92 46 54 91  
✉ bartel@sgl.ists.ca

**Quan Hejun**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618

**Quarta Maria Lucia**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
📠 55 11 276 3848

**Quast Germano Rodrigo**

Observ  
Rua Colonel Renno 07  
CP 21  
37500 Itajuba Mg  
Brazil  
☎ 55 356 22 0788

**Queloz Didier**

Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
📠 41 22 755 3983  
✉ didier.queloz@  
obs.unige.ch

**Quemerais Eric**

Service Aeronomie  
BP 3  
F 91371 Verrieres Buisson  
France  
☎ 33 1 64 47 4317  
📠 33 1 69 20 2999  
✉ eric.quemerais@  
aerov.jussieu.fr

**Quenby John J**

Astrophysics Gr  
Imperial Coll  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7771  
📠 44 171 594 7772

**Querci Francois R**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2879  
📠 33 5 61 53 2840  
✉ querci@astro.obs-mip.fr

**Querci Monique**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2879  
📠 33 5 61 53 2840  
✉ querci@astro.obs-mip.fr

**Quesada Vinicio**

Stazione Astronomica  
Univ d Cagliari  
Via Ospedale 72  
I 09124 Cagliari  
Italy  
☎ 39 07 066 3544  
📠 39 07 065 7657

**Quinet Pascal**

Dpt  
Astrophysique/Spectroscopie  
UMH  
20 pl Parc  
B 7000 Mons  
Belgium  
☎ 32 6537 3727  
📠 32 6537 3054  
✉ quinet@umh.ac.be

**Quinn John**

Physics Dept  
Univ College  
Belfield  
Dublin 4  
Ireland  
☎ 353 1 706 2278  
📠 353 1 283 7275  
✉ quinn@ferdia.ucd.ie

**Quinn Peter**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6509  
📠 49 98 3200 6480  
✉ pjq@eso.org

**Quintana Hernan**

Gr Astrofisica  
Univ Catolica  
Casilla 306  
Santiago 22  
Chile  
☎ 56 2 686 4940  
📠 56 2 686 4948  
✉ hquintana@astro.puc.cl

**Quintana Jose M**

Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 812 1300  
📠 34 5 881 4530

**Quirk William J**

LLNL  
L 389  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 422 1852  
📠 1 415 422 24563  
✉ quirk@pop.net

**Quirrenbach Andreas**

Univ California San Diego  
Ctr Astrophysics/Space  
Sciences  
MC 0424  
La Jolla CA 92093 0424  
USA  
☎ 1 858 534 7930  
📠 1 858 534 7051  
✉ aquirrenbach@ucsd.edu

## R

**Raadu Michael A**  
Dpt Plasma Physics  
Royal Inst Technology  
SE 100 44 Stockholm 70  
Sweden  
☎ 46 87 90 6000  
✉ raadu@plasma.kth.se

**Raassen Ion**  
Astron Inst Anton Pannekoek  
Univ Amsterdam  
Kruislaan 403  
NL 1098S J Amsterdam  
Netherlands  
✉ Raassen@wins.uva.nl

**Rabbia Yves**  
OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 36 5849  
① 33 4 93 40 5353

**Rabin Douglas Mark**  
NOAO/NSO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 325 9331  
① 1 520 325 9360  
✉ rabin@noao.edu

**Raboli Monica**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
① 54 221 421 1761  
✉ mraboli@conae.gov.ar

**Raboud Didier**  
Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
① 41 22 755 3983  
✉ Didier.Raboud@obs.unige.ch

**Rachkovsky D N**  
Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
① 380 6554 40704

**Racine Rene**  
Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 6718  
① 1 514 343 2071

**Radford Simon John E**  
NRAO  
Campus Bg 65  
949 N Cherry Av  
Tucson AZ 85721 0655  
USA  
☎ 1 520 882 8250\*125  
① 1 520 882 7955  
✉ sradford@nrao.edu

**Radhakrishnan V**  
Astron Inst  
Univ Amsterdam  
Kruislaan 403  
NL 1098 SJ Amsterdam  
Netherlands  
☎ 31 20 525 7491/2  
① 31 20 525 7484  
✉ rad@rri.res.in

**Radick Richard R**  
AFGL  
NSO  
Sunspot NM 88349  
USA  
☎ 1 505 434 1390  
① 1 504 434 7029

**Radiman Iratius**  
Bosscha Observ  
ITB Lembang  
Lembang 40391  
Indonesia  
☎ 62 22 229 6001  
① 62 22 278 7289

**Radoski Henry R**  
AFOSR/NP  
NSO  
Bolling Air Force Base  
Washington DC 20332  
USA  
☎ 1 202 767 4906

**Radu Eugenia**  
Astron Observ  
Romanian Acad Sci  
UI Ciresilor 19  
RO 3400 Cluj Napoca  
Romania  
☎ 40 64 194 592  
① 40 64 194 592

**Raedler K H**  
Zntrlnst Astrophysik  
Sternwarte Babalsberg  
An der Sternwarte 16  
D 14473 Potsdam  
Germany  
☎ 49 331 275 3731

**Rafanelli Piero**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3430  
① 39 049 875 9840  
✉ piraf@pd.astro.it

**Rafert James Bruce**  
Dpt Phys/Space Sci  
Florida Inst Techn  
150 W Univ Blvd  
Melbourne FL 32901  
USA  
☎ 1 407 768 8000  
① 1 407 984 8461

**Rafferty Theodore J**  
USNO  
Astrometry Dpt  
3450 Massachusetts Av NW  
Washington DC 20392 5400  
USA  
☎ 1 202 762 1471  
① 1 202 653 1497  
✉ tjr@sicon.usno.navy.mil

**Raghavan Nirupama**  
7/1 Jaganathan Road  
Nungambakkam  
Chennai 600 034  
India  
☎ 91 044 821 6114  
✉ raghavan2@vsnl.net

**Raharto Moedji**  
Astronomy Dpt  
Bandung Inst Techn  
Jl Ganesha 10  
Bandung 40132  
Indonesia  
☎ 62 22 244 0252  
① 62 22 250 5442  
✉ Moedji@bosscha.itb.ac.id

**Rahunen Timo**  
Tampereen Saerkaenniemi  
Oy  
Saerkaenniemi  
FIN 33230 Tampere  
Finland  
☎ 358 3 131 333

**Raikova Donka**  
Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8297  
① 359 2 75 8927

**Raimond Ernst**  
NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
① 31 521 59 7332  
✉ exr@nfra.nl

**Raine Derek J**  
Astronomy Dpt  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 1162 522 073  
① 44 113 252 2200

**Raitala Jouko T**

Astronomy Dpt  
Univ Oulu  
Box 333  
FIN 90570 Oulu  
Finland  
☎ 358 81 553 1945  
☎ 358 8 553 1934  
✉ jouko.raitala@oulu.fi

**Rajamohan R**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6497/6585  
☎ 91 80 553 4043

**Rajchl Jaroslav**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 745  
☎ 420 2 88 1611

**Raju P K**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672  
☎ 91 80 553 4043  
✉ kpr@iiap.ernet.in

**Raju Vasundhara**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672 \*76  
☎ 91 80 553 4043  
✉ rvas@iiap.ernet.in

**Rakavy Gideon**

Einstein Inst Phys  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel

**Rakos Karl D**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 868  
☎ 43 1 427 795 18  
✉ rakos@astro.univie.ac.at

**Rakshit H**

Bengal Engineering College  
Sibpore  
Hewrah  
India

**Ramadurai Souriraja**

TIFR  
Homi Bhabha Marg  
Navy Nagar Colaba  
Mumbai MH 400 085  
India  
☎ 91 22 215 2311  
☎ 91 22 215 2110

**Ramamurthy Swaminathan**

CASA  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 868951\*247

**Ramana Murthy P V**

TIFR  
Homi Bhabha Marg  
Navy Nagar Colaba  
Mumbai MH 400 085  
India  
☎ 91 22 215 2979  
☎ 91 22 215 2110

**Ramella Massimo**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
☎ 39 040 30 9418

**Rampazzo Roberto**

Osserv Astronomico  
d Brera  
Via Brera 28  
I 20121 Milano  
Italy  
☎ 39 02 723 20339  
☎ 39 02 720 01600  
✉ rampazzo@brera.mi.astro.it

**Ramsey Lawrence W**

Astronomy Dpt  
Pennsylvania State Univ  
525 Davey Lab  
University Park PA 16802  
USA  
☎ 1 814 865 0418  
☎ 1 814 863 7114

**Rand Richard J**

Dpt Phys/Astronomy  
Univ New Mexico  
800 Yale Blvd NE  
Albuquerque NM 87131  
USA  
☎ 1 505 277 2073  
☎ 1 505 277 1520  
✉ bjr@phys.unm.edu

**Randic Leo**

Geodetical Faculty  
Univ Zagreb  
Horvatovac BB  
HR 10000 Zagreb  
Croatia  
☎ 385 1 420 222  
☎ 385 1 432 462

**Randich Sofia**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2260  
☎ 39 055 220 039  
✉ randich@arcetri.astro.it

**Rangarajan K E**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672  
☎ 91 80 553 4043  
✉ rangaraj@iiap.ernet.in

**Ranieri Marcello**

IAS CNR  
Area di Ricerca di Tor  
Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
☎ 39 06 206 60188  
✉ ranieri@ias.rm.cnr.it

**Rank David M**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 429 2277  
☎ 1 831 426 3115

**Rankin Joanna M**

Physics Dpt  
Univ Vermont  
A405 Cook Building  
Burlington VT 05405  
USA  
☎ 1 802 656 2644  
✉ rankin@merlin.uvm-gen.uvm.edu

**Rao A Pramesh**

NCRA TIFR  
Pune Univ Campus Pb 3  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 212 33 7107  
☎ 91 212 33 5760

**Rao Arikkala Raghurama**

TIFR/Space Phys Gr  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 215 2971  
☎ 91 22 215 2110  
✉ arrao@tifrvax.tifr.res.in

**Rao D Mohan**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672  
☎ 91 80 553 4043  
✉ mohan@iiap.ernet.in

**Rao K Ramanuja**

C/o Dr K Surendra  
Rua Cel Joao Cursino 210  
Apt 92 Vila Adyana  
12200 S Jose dos Campos  
Brazil

**Rao M N**

PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
① 91 272 44 5292

**Rao N Kameswara IIA**

Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672  
① 91 80 553 4043

**Rao P Vivekananda**

Astronomy Dpt  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 71 951

**Rao Ramachandra V**

ISRO Satellite Ctr  
Peenya  
Vimanapura Post  
Bangalore 560 058  
India  
☎ 91 80 526 6251  
① 91 80 526 5407

**Raoult Antoinette**

Observ  
DASOP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7766  
① 33 1 45 07 7959  
✉ Antoinette.Raoult@obsprm.fr

**Rapaport Michel**

Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
① 33 5 56 40 4251  
✉ rapaport@observ.u-bordeaux.fr

**Rapley Christopher G**

Mullard Space Science Lab  
Univ College London  
Holmbury St Mary  
Dorking Surrey RH5 6NT  
UK  
☎ 44 13 06 702 92  
① 44 14 83 278 312  
✉ cgr@mssl.ucl.ac.uk

**Rasio Frederic A**

Physics Dpt  
MIT  
77 Massachusetts Ave  
Cambridge MA 02139 4307  
USA  
☎ 1 617 253 5084  
① 1 617 253 9798  
✉ rasio@mit.edu

**Rastorguev Alexey S**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1622  
① 7 095 932 8841  
✉ ras@sai.msu.ru

**Ratag Mezak Arnold**

LAPAN  
Ntl Inst Aeron/Space  
JI Junjuran 133  
Bandung 40173  
Indonesia  
✉ mezakr@indosat.net.id

**Ratnatunga Kavan U**

Physics Dpt  
Carnegie Mellon Univ  
5000 Forbes Av  
Pittsburgh PA 15213 3890  
USA  
☎ 1 412 268 1888  
① 1 412 681 0648  
✉ kavan@astro.phys.cmu.edu

**Raubenheimer Barend C**

Cosmic Ray Res Unit  
Potchefstroom Univ  
for CHE  
2520 Potchefstroom  
South Africa  
☎ 27 148 299 2423  
① 27 148 299 2421

**Rauch Thomas**

Astronomisches Inst  
Univ Tuebingen  
Waldhaeuserstr 64  
D 72076 Tuebingen  
Germany  
☎ 49 707 129 78614  
① 49 707 129 3458  
✉ rauch@astro.uni-tuebingen.de

**Rauscher Thomas**

Dpt Physics/Astronomy  
Univ Basel  
Klingelberg Str. 82  
CH 4056 Basel  
Switzerland  
☎ 41 61 267 3757  
① 41 61 267 1349  
✉ Thomas.Rauscher@unibas.ch

**Rautela B S**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136

**Rauw Gregor**

IAG  
ULG  
3 av Cointe  
B 4000 Liege  
Belgium  
☎ 32 4 254 7540  
① 32 4 254 7511  
✉ rauw@astro.ulg.ac.be

**Raveendran A V**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672  
① 91 80 553 4043  
✉ avr@iiap.ernet.in

**Rawlings Jonathan**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 2076 779 3471  
✉ jcr@star.ac.uk

**Rawlings Steven**

Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RH  
UK  
☎ 44 186 527 3303  
① 44 186 527 3418  
✉ sr@astro.oxford.ac.uk

**Ray Alak**

TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 215 2971  
① 91 22 215 2110  
✉ akr@tifr.res.in

**Ray James R**

USNO  
Code EO  
3450 Massachusetts Av NW  
Washington DC 20392 5420  
USA  
✉ jimr@maia.usno.navy.mil

**Ray Thomas P**

DIAS  
School Cosmic Phys  
5 Merrion Sq  
Dublin 2  
Ireland  
☎ 353 1 662 1333  
① 353 1 662 1477  
✉ tr@cp.dias.ie

**Raychaudhuri Amalkumar**

Presidency College  
College St  
Calcutta 73  
India

**Raychaudhuri Somak**

IUCAA  
PO Box 4  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 20 351414  
① 91 20 350760  
✉ somak@iucaa.ernet.in

**Rayet Marc**

Inst Astrophysique  
Univ Bruxelles  
Campus Plaine CP 226  
B 1050 Bruxelles  
Belgium  
☎ 32 2 650 3572  
① 32 2 650 4226  
✉ mrayet@astro.ulb.ac.be

**Raymond John Charles**

Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7000  
① 1 617 495 7356  
✉ jraymond@  
cfa.harvard.edu

**Rayrole Jean R**

Observ  
DASOP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7789  
① 33 1 45 07 7959  
✉ Jean.Rayrole@obspm.fr

**Razdan Hiralal**

Technical Coordination Gp  
Bhabha Atomic Res Ctr  
7F Cntrl Complex Trombay  
Bombay 400 085  
India  
☎ 91 22 551 1859  
① 91 22 495 2110

**Razin Vladimir A**

Radiophysical Res  
Inst  
Lyadov Ul 25/14  
603600 N Novgorod  
Russia  
☎ 7 831 236 7294  
① 7 831 236 9902

**Reach William**

CALTECH  
MS 310-6  
Pasadena CA 91125  
USA  
☎ 1 626 395 8565  
① 1 626 568 0673  
✉ reach@ipac.caltech.edu

**Readhead Anthony C S**

CALTECH  
Robinson Bldg  
Pasadena CA 91125  
USA  
☎ 1 213 356 4972

**Reames Donald V**

NASA GSFC  
Code 661  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6454  
① 1 301 286 1682  
✉ reames@  
lheavx.gsfc.nasa.gov

**Reasenber Robert D**

Cfa  
HCO/SAO Rm B 217  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7108  
① 1 617 495 7356  
✉ reasenber@  
cfa.harvard.edu

**Reaves Gibson**

27125 Whitestone Rd  
Rancho Palos Verdes CA  
90275-2727  
USA  
☎ 1 310 377 0011  
✉ reaves@mizar.usc.edu

**Reay Newrick K**

Astrophysics Gr  
Imperial Coll  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7771  
① 44 171 594 7772

**Reber Grote**

C/o Post Office  
Bothwell TAS 7030  
Australia  
☎ 61 2 23 7371

**Rebolo Rafael**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
① 34 2 260 5210

**Recillas-Cruz Elsa**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 616 0653

**Redfern Michael R**

Physics Dpt  
Univ College  
Galway  
Ireland  
☎ 353 9 152 4411  
① 353 9 152 5700

**Reed B Cameron**

Physics Dpt  
Alma College  
Alma MI 48801 1599  
USA  
☎ 1 517 463 7266  
① 1 517 463 7277  
✉ reed@alma.edu

**Rees David Elwyn**

CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0493  
① 61 2 868 0411  
✉ drees@tp.csiro.au

**Rees Martin J**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523  
✉ mjr@ast.cam.ac.uk

**Reeves Edmond M**

NASA Headquarters  
f Life/Microgravity  
600 Independence Av SW  
Washington DC 20546  
USA  
☎ 1 202 358 2560  
① 1 202 358 4166  
✉ ereeves@hq.nasa.gov

**Reeves Hubert**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 5159  
① 33 1 69 08 6577

**Refsdal Sjur**

Hamburger Sternwarte  
Univ Hamburg  
Gojenbergsweg 112  
D 21029 Hamburg  
Germany  
☎ 49 407 252 4124  
① 49 407 252 4198

**Regev Oded**

Physics Dpt  
IIT  
Technion City  
Haifa 32000  
Israel  
☎ 972 4 293 992  
① 972 4 221 514  
✉ phr91or@technion

**Reglero-Velasco Victor**

Dpt Mat y Astron  
Univ Valencia  
Dr Moliner 50  
E 46100 Burjassot  
Spain  
☎ 34 6 386 4326  
① 34 6 386 4302  
✉ reglero@  
evalvx.ific.uv.es

**Rego Fernandez M**

Dpt Astrofisica  
Fac Fisica  
Univ Complutense  
E 28040 Madrid  
Spain  
☎ 34 1 449 5316  
① 34 1 394 5195

**Regoes Enikoe**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 330 894  
① 44 12 23 337 523  
✉ eniko@mail.ast.cam.ac.uk

**Regulo Clara**

IAC  
 Observ d Teide  
 via Lactea s/n  
 E 38200 La Laguna  
 Spain  
 ☎ 34 2 226 2211  
 ☎ 34 2 260 5210

**Reich Wolfgang**

RAIUB  
 Univ Bonn  
 auf d Huegel 69  
 D 53121 Bonn  
 Germany  
 ☎ 49 228 525 0  
 ☎ 49 228 525 229

**Reichert Gail Anne**

NASA GSFC  
 Code 622  
 Greenbelt MD 20771  
 USA  
 ☎ 1 301 352 2115  
 ✉ reichert@  
 ndads.gsfc.nasa.gov

**Reid Mark Jonathan**

CfA  
 HCO/SAO  
 60 Garden St  
 Cambridge MA 02138 1516  
 USA  
 ☎ 1 617 495 7470  
 ☎ 1 617 495 7356

**Reid Neill**

CALTECH  
 Palomar Obs  
 MS 105 24  
 Pasadena CA 91125  
 USA  
 ☎ 1 818 356 6586  
 ☎ 1 815 568 1517

**Reif Klaus**

RAIUB  
 Univ Bonn  
 auf d Huegel 71  
 D 53121 Bonn  
 Germany  
 ☎ 49 228 73 3657  
 ☎ 49 228 73 3672  
 ✉ reif@astro.uni-bonn.de

**Reig Pablo**

Dpt Phys/Astronomy  
 Southampton SO17 1BJ  
 UK  
 ☎ 44 170 359 2079  
 ☎ 44 170 359 3910  
 ✉ pablo@astro.soton.ac.uk

**Reimers Dieter**

Hamburger Sternwarte  
 Univ Hamburg  
 Gojenbergsweg 112  
 D 21029 Hamburg  
 Germany  
 ☎ 49 407 252 4112  
 ☎ 49 407 252 4198

**Reinisch Gilbert**

OCA  
 Observ Nice  
 BP 4229  
 F 06304 Nice Cdx 4  
 France  
 ☎ 33 4 92 00 3093  
 ☎ 33 4 92 00 3033  
 ✉ reinisch@obs-nice.fr

**Reinsch Klaus**

Univ Sternwarte  
 Goettingen  
 Geismarlandstr 11  
 D 37083 Goettingen  
 Germany  
 ☎ 49 551 394 037  
 ☎ 49 551 395 043  
 ✉ reinsch@uni-sw.gwdg.de

**Reipurth Bo**

CASA  
 Univ Colorado  
 Campus Box 389  
 Boulder CO 80309 0389  
 USA  
 ☎ 1 303 492 4050  
 ☎ 1 303 492 7178  
 ✉ reipurth@  
 casa.colorado.edu

**Reitsem Harold J**

Ball Aerospace Systems  
 Div  
 Box 1062  
 Boulder CO 80306  
 USA  
 ☎ 1 303 939 5026  
 ☎ 1 303 939 6602  
 ✉ hreitsem@ball.com

**Remy Battiau Liliane G A**

Conseil de la Recherche  
 Universite Liege  
 7 Pl du XX Aout  
 B 4000 Liege  
 Belgium  
 ☎ 32 4 242 0080  
 ☎ 32 4 366 5558  
 ✉ l.remy@ulg.ac.be

**Renard Jean-Baptiste**

LPCE CNRS  
 3A Avenue de la Recherche  
 Scientifique  
 F 45000 Orleans  
 France  
 ☎ 33 2 38 25 53 01  
 ☎ 33 2 38 63 12 34  
 ✉ jbreward@crns-orleans.fr

**Rengarajan T N**

TIFR/IR Astronomy  
 Homi Bhabha Rd  
 Colaba  
 Bombay 400 005  
 India  
 ☎ 91 22 219 1111  
 ☎ 91 22 215 2110  
 ✉ renga@tifrc3.tifr.res.in

**Rense William A**

204 Birch Dr  
 Lafayette LA 70506  
 USA  
 ☎ 1 318 981 0769

**Renson P F M**

Inst Astrophysique  
 Universite Liege  
 Av Cointe 5  
 B 4000 Liege  
 Belgium  
 ☎ 32 4 254 7510  
 ☎ 32 4 254 7511  
 ✉ rensen@astro.ulg.ac.be

**Rezzini Alvio**

ESO  
 Karl Schwarzschildstr 2  
 D 85748 Garching  
 Germany  
 ☎ 49 893 200 6413  
 ✉ arezzini@eso.org

**Rephaeli Yoel**

Dpt Phys/Astronomy  
 Tel Aviv Univ  
 Ramat Aviv  
 Tel Aviv 69978  
 Israel  
 ☎ 972 3 640 7809  
 ☎ 972 3 640 9306  
 ✉ yoelr@wise1.tau.ac.il

**Requieme Yves**

Observ  
 BP 89  
 F 33270 Floirac  
 France  
 ☎ 33 5 56 86 4330  
 ☎ 33 5 56 40 4251  
 ✉ requieme@  
 observ.u-bordeaux.fr

**Reshetnikov Vladimir P**

Astron Inst  
 St Petersburg Univ  
 Bibliotechnaya Pl 2  
 198504 St Petersburg  
 Russia  
 ☎ 7 812 428 4168  
 ☎ 7 812 428 7129  
 ✉ resh@astro.spbu.ru

**Revelle Douglas Orson**

LANL  
 MS F665  
 Box 1663  
 Los Alamos NM 87545 2345  
 USA  
 ☎ 1 505 667 2897  
 ☎ 1 505 665 4055  
 ✉ dor@eddie.lanl.gov

**Reyes Francisco**

PO Box 112055  
 Gainesville FL 32611 2055  
 USA  
 ☎ 1 352 932 2049  
 ☎ 1 352 392 5089  
 ✉ reyes@astro.ufl.edu

**Reynolds John H**

Physics Dpt  
 Univ California  
 366 LeConte Hall  
 Berkeley CA 94720  
 USA  
 ☎ 1 510 642 4863  
 ☎ 1 510 642 3411



**Reynolds John**  
AAO  
ATNF  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 6861 1700  
① 61 6861 17300  
✉ johnreynolds@atnf.csiro.au

**Reynolds Ronald J**  
Physics Dpt  
Univ Wisconsin  
1150 Univ Av  
Madison WI 53706  
USA  
☎ 1 608 262 5916  
① 1 608 262 3077

**Reynolds Stephen P**  
Physics Dpt  
N Carolina State Univ  
Box 8202  
Raleigh NC 27695 8202  
USA  
☎ 1 919 515 7751  
① 1 919 515 1971  
✉ stephen\_reynolds@ncsu.edu

**Reynoso Estela M**  
IAFE  
CC 67 Suc 28  
Buenos Aires 1428  
Argentina  
☎ 54 11 4789 0179  
① 54 11 4786 8114  
✉ ereynoso@iafe.uba.ar

**Rhee Myung-Hyun**  
Center Space Astrophysics  
Yonsei Univ  
Seoul 120 749  
Korea RP  
☎ 82 2 2123 4442  
① 82 2 362 5136  
✉ rhee@csa.yonsei.ac.kr

**Rhoads James**  
NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8205  
① 1 520 318 8360  
✉ jrhoads@noao.edu

**Rhodes Jr Edward J**  
11801 Killimore Av  
Northridge CA 91326  
USA

**Ri Jean-Claude**  
INSU  
3 r Michel Ange  
F 75794 Paris Cedex 16  
France  
☎ 33 1 44 96 5000  
① 33 1 44 96 4387

**Riazi Nematollah**  
Physics Dpt  
Shiraz Univ  
Shiraz 71454  
Iran  
☎ 98 71 24 609  
① 98 71 20 027  
✉ riazi@sun01.sci.shirazu.ac.ir

**Ribeiro Marcelo B**  
Inst Physics  
UFRJ  
CP 68528 Ilha do Fundao  
21945 970 Rio de Janeiro  
Brazil  
☎ 55 21 560 0718  
① 55 21 290 9020  
✉ mbr@if.ufrj.br

**Rice John B**  
Dpt Phys/Astronomy  
Univ Brandon  
270 18th Street  
Brandon MB R7A 6A9  
Canada  
☎ 1 204 727 9693  
① 1 204 728 7346  
✉ rice@brandonu.ca

**Rich Robert Michael**  
Math-Sciences 8979  
Dpt Physics & Astron  
UCLA  
Los Angeles CA 90095 1562  
USA  
☎ 1 310 794 5337  
① 1 310 206 2096  
✉ rmr@astro.ucla.edu

**Richards Mercedes T**  
Univ Station  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
0818  
USA  
☎ 1 804 924 4895  
① 1 804 924 3104  
✉ mtr8r@virginia.edu

**Richardson Eric Harvey**  
1871 Elmhurst Pl  
Victoria BC V8N 1R1  
Canada  
☎ 1 250 472 0105  
① 1 250 472 0145  
✉ harveyr@home.com

**Richardson Kevin J**  
Astrophysics Group  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 975 5555  
① 44 181 975 5500

**Richardson Lorna Logan**  
Dpt Phys/Astronomy  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855\*4153  
① 44 14 13 349 029  
✉ lorna@SEPA.org.uk

**Richardson R S**  
Griffith Observ  
Box 27787  
Los Felix Station  
Los Angeles CA 90027  
USA  
☎ 1 213 664 1181

**Richer Harvey B**  
Dpt Physics/Astronomy  
UBC  
Vancouver BC V6T 1Z1  
Canada  
☎ 1 604 822 4234  
① 1 604 822 6047  
✉ richer@astro.ubc.ca

**Richer John**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 339 992  
① 44 12 23 354 599  
✉ jsr@mrao.cam.ac.uk

**Richichi Andrea**  
Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2230  
① 39 055 220 039  
✉ richichi@arcetri.astro.it

**Richstone Douglas O**  
Astronomy Dpt  
Univ Michigan  
810 Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 734 764 3466  
① 1 734 763 6317  
✉ dor@umich.edu

**Richter Gotthard**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9301  
① 49 331 749 9309  
✉ gmrichter@aip.de

**Richtler Tom**  
Dpt Physics  
Univ Concepcion  
Concepcion  
Chile

**Rickard James Joseph**  
Box 777  
Borrego Springs CO 92004  
USA  
☎ 1 714 767 5462

**Rickard Lee J**  
NRL  
Code 4138 Rrd  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 2495

**Ricker George R**  
 Ctr for Space Res  
 MIT Rm 37 527  
 77 Massachusetts Ave  
 Cambridge MA 02139 4307  
 USA  
 ☎ 1 617 253 7532  
 ☎ 1 617 253 0861

**Rickett Barnaby James**  
 EECSD  
 UCSD  
 La Jolla CA 92093 0216  
 USA  
 ☎ 1 619 452 2731

**Rickman Hans**  
 Astron Observ  
 Box 515  
 SE 751 20 Uppsala  
 Sweden  
 ☎ 46 18 471 5971  
 ☎ 46 18 471 5999  
 ✉ hans@astro.uu.se

**Ricort Gilbert**  
 Dpt Astrophysique  
 Universite Nice  
 Parc Valrose  
 F 06034 Nice Cdx  
 France  
 ☎ 33 4 93 51 9100  
 ☎ 33 4 93 52 9806

**Riddle Anthony C**  
 700 Grant Pl  
 Boulder CO 80302  
 USA  
 ☎ 1 303 447 8127

**Riegel Kurt W**  
 Dpt Navy  
 3601 5th St  
 S #201  
 Arlington VA 22204 1600  
 USA  
 ☎ 1 703 695 3363  
 ✉ riegel.kurt@hq.navy.mil

**Rieger Erich**  
 MPE  
 Postfach 1603  
 D 85740 Garching  
 Germany  
 ☎ 49 893 299 3511  
 ☎ 49 893 299 3569  
 ✉ eir@  
 mpe-garching.mpg.de

**Riegler Guenter R**  
 NASA Headquarters  
 Code SZ  
 600 Independence Av SW  
 Washington DC 20546  
 USA  
 ☎ 1 202 358 0370  
 ☎ 1 202 358 3096  
 ✉ griegler@hq.nasa.gov

**Rieutord Michel**  
 OMP  
 14 Av E Belin  
 F 31400 Toulouse Cdx  
 France  
 ☎ 33 5 61 33 2949  
 ☎ 33 5 61 53 6722  
 ✉ rieutord@obs-mip.fr

**Righini Alberto**  
 Dpt Astronomia  
 Univ d Firenze  
 Largo E Fermi 5  
 I 50125 Firenze  
 Italy  
 ☎ 39 055 275 2217  
 ☎ 39 055 220 039  
 ✉ righini@arcetri.astro.it

**Riihimaa Jorma J**  
 Astronomy Dpt  
 Univ Oulu  
 Box 333  
 FIN 90570 Oulu  
 Finland  
 ☎ 358 81 555 2022  
 ☎ 358 8 553 1934

**Rijnbeek Richard**  
 Space/Plasma Phys  
 School Mathes/Phys Sci  
 Univ Sussex  
 Brighton BN1 9QH  
 UK  
 ☎ 44 12 73 678 097  
 ✉ richardr@  
 central.sussex.ac.uk

**Rijsdijk Case**  
 SAAO  
 PO Box 9  
 7935 Observatory  
 South Africa  
 ☎ 27 21 447 0025  
 ☎ 27 21 447 3639  
 ✉ case@sao.ac.za

**Riley Julia M**  
 MRAO  
 Cavendish Laboratory  
 Madingley Rd  
 Cambridge CB3 0HE  
 UK  
 ☎ 44 12 23 337 274  
 ☎ 44 12 23 354 599

**Rindler Wolfgang**  
 Univ Texas  
 UTD  
 Box 830688  
 Richardson TX 75083 0688  
 USA  
 ☎ 1 210 690 2885

**Ring James**  
 1 Mude Gardens  
 Christchurch  
 Dorsett BH23 4AR  
 UK  
 ☎ 44 12 02 486614

**Ringuet Adela E**  
 Observ  
 Paseo d Bosque S/n  
 1900 La Plata (Bs As)  
 Argentina  
 ☎ 54 221 217 308  
 ☎ 54 221 211 761

**Ringwald Frederick Arthur**  
 Dpt Astron/Astrophys  
 Pennsylvania State Univ  
 525 Davey Lab  
 University Park PA 16802  
 6305  
 USA  
 ☎ 1 814 863 1756  
 ☎ 1 814 863 3399  
 ✉ ringwald@astro.psu.edu

**Rioja Maria J**  
 Observ Nacional  
 Apt 1143  
 E 28800 Alcalá de Henares  
 Spain  
 ☎ 34 918 85 5060  
 ☎ 34 918 85 5062  
 ✉ rioja@oan.es

**Ripken Hartmut W**  
 Dara German  
 Space Agency  
 Koenigwintererstr 522 524  
 D 53227 Bonn  
 Germany  
 ☎ 49 228 447 203  
 ☎ 49 228 447 700  
 ✉ ripken@t-online.de

**Ritter Hans**  
 MPA  
 Karl Schwarzschildstr 1  
 D 85748 Garching  
 Germany  
 ☎ 49 893 299 880  
 ☎ 49 893 299 3235

**Rivolo Arthur Rex**  
 Dpt Astron/Astrophys  
 Univ Pennsylvania  
 Philadelphia PA 19104  
 USA  
 ☎ 1 215 898 6250  
 ☎ 1 215 898 9336

**Rix Hans-Walter**  
 MPI Astronomie  
 Koenigstuhl 17  
 D 69117 Heidelberg  
 Germany  
 ☎ 49 6221 528 210  
 ☎ 49 6221 528 339  
 ✉ rix@mpia-hd.mpg.de

**Rizvanov Naufal G**  
 Zelenodolsky Region  
 Oktjavrsky  
 422526 Tatarstan  
 Russia  
 ☎ 7 843 713 5566  
 ☎ 7 843 238 7418  
 ✉ Naufal.Rizvanov@ksu.ru

**Rizzo Jose Ricardo**  
 Observ  
 Nacional  
 Apt 1143  
 E 28800 Alcalá de Henares  
 Spain  
 ☎ 34 91 885 5060  
 ☎ 34 91 885 5062  
 ✉ jrizzo@oan.es

**Roark Terry P**

Dpt Phys/Astronomy  
Univ Wyoming  
Box 3905  
Laramie WY 82071  
USA  
☎ 1 307 766 6513  
📠 1 307 766 2652  
✉ troark@uwyo.edu

**Robb Russell M**

Dpt Phys/Astronomy  
Univ Victoria  
Box 3055  
Victoria BC V8W 3P6  
Canada  
☎ 1 250 721 7750  
📠 1 250 721 7715  
✉ robb@uvic.ca

**Robbins R Robert**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 7312  
📠 1 512 471 6016

**Robe H A G**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
📠 32 4 254 7511

**Roberge Wayne G**

Physics Dpt  
Rensselaer Polytechn Inst  
Troy NY 12180 3590  
USA  
☎ 1 518 276 6454  
📠 1 518 276 6680  
✉ roberge@  
orion.phys.rpi.edu

**Roberts David Hall**

Physics Dpt  
Brandeis Univ  
Waltham MA 02254  
USA  
☎ 1 617 647 2846  
📠 1 781 736 2915

**Roberts Morton S**

NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0233  
📠 1 434 296 0278  
✉ mroberts@nrao.edu

**Roberts Jr William W**

Dpt Mechanical Engineering  
Univ Virginia  
Thorton Hall  
Charlottesville VA 22903  
USA  
☎ 1 804 924 6216  
📠 1 804 982 2037  
✉ wwr@virginia.edu

**Robertson Douglas S**

C/o CIRES  
Univ Colorado  
Campus Box 216  
Boulder CO 80309 0216  
USA

**Robertson James Gordon**

School Physics  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 9351 2825  
📠 61 2 9351 7726  
✉ jgr@physics.usyd.edu.au

**Robertson John Alistair**

Dpt Applied Maths  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 1334 76161  
📠 44 1334 74487

**Robertson Norma**

Dpt Phys/Astronomy  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 141 339 8855  
📠 44 141 334 9029  
✉ gw05@uk.ac.gla.ph.uk

**Robillot Jean-Maurice**

Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
📠 33 5 56 40 4251  
✉ robillot@  
observ.u-bordeaux.fr

**Robin Annie C**

Observ  
41bis Av Observatoire  
BP 1615  
F 25010 Besancon Cdx  
France  
☎ 33 3 81 66 6941  
📠 33 3 81 66 6944  
✉ robin@obs-besancon.fr

**Robinson Andrew**

Physical Sci Div  
Univ Hertfordshire  
College Lane  
Hatfield Herts AL10 9AB  
UK  
☎ 44 170 728 5253  
📠 44 170 728 5179  
✉ ar@star.herts.ac.uk

**Robinson Brian J**

Box 296  
Milsons Point NSW 2061  
Australia

**Robinson Edward Lewis**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 3401  
📠 1 512 471 6016  
✉ elr@astron.as.utexas.edu

**Robinson Garry**

Physics Dpt Univ College  
UNSW  
Northcott Dr  
Campbell ACT 2600  
Australia  
☎ 61 262 68 8800  
📠 61 26 268 8786  
✉ garry@  
phadfa.ph.adfa.oz.au

**Robinson I**

Univ Texas  
MS Be 32  
Box 830688  
Richardson TX 75080 0688  
USA  
☎ 1 210 690 2176

**Robinson Leif J**

Sky/Telescope  
49 Bay State Rd  
Cambridge MA 02238  
USA  
☎ 1 617 864 7360  
📠 1 617 253 9798

**Robinson Lloyd B**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 429 2437  
📠 1 831 426 3115

**Robinson William J**

18 Hollingwood Rise  
Ilkley  
W Yorkshire LS29 9PW  
UK

**Robinson Jr Richard D**

NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8701

**Robley Robert**

9 All Verdier  
F 31000 Toulouse Cdx  
France  
☎ 33 5 61 52 2273

**Robson Ian E**

Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 961 3756  
📠 1 808 961 6516

**Roca Cortes Teodoro**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
📠 34 2 232 9117

- Rocca-Volmerange Brigitte**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8091  
① 33 1 44 32 8001  
✉ rocca@iap.fr
- Roche Patrick F**  
Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RH  
UK  
☎ 44 186 527 3338  
① 44 186 527 3418  
✉ pfr@  
uk.ac.oxford.astrophysics
- Rochester Michael G**  
Dpt Earth Sciences  
Memorial Univ  
Newfoundland  
St Johns NF A1B 3X57  
Canada  
☎ 1 709 737 7565  
① 1 709 737 2589  
✉ mrochest@  
kean.ucs.mun.ca
- Roddiar Claude**  
NOAO/ADP  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 325 9220  
① 1 520 318 8360
- Roddiar Francois**  
NOAO/ADP  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 325 9220  
① 1 520 318 8360
- Rodionova Janna F**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1649  
① 7 095 932 8841  
✉ jeanna@sai.msu.ru
- Rodman Richard B**  
65 Locust Av  
Lexington MA 02173  
USA  
☎ 1 617 861 8149
- Rodono Marcello**  
Istt Astronomia  
Citta Universitaria  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2111  
① 39 095 733 0592  
✉ mrodono@ct.astro.it
- Rodrigo Rafael**  
Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 812 1300  
① 34 5 881 4530
- Rodriguez Eloy**  
Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 5 812 1311  
① 34 5 881 4530
- Rodriguez Hildago Ines I**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
① 34 2 240 5646/405 501  
✉ irh@iac.es
- Rodriguez Luis F**  
Inst Astronomia  
UNAM  
Apt 3 - 72  
Morelia, Michoacan 58089  
Mexico  
☎ 52 43 222 742  
① 52 43 222 726  
✉ l.rodriguez@  
astrofmo.unam.mx
- Rodriguez-Eillamil R**  
ROA  
Cecilio Pujazon 22 3 A  
E 11110 San Fernando  
Spain  
☎ 34 5 688 3548  
① 34 5 689 9302
- Rodriguez-Espinosa Jose M**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5200  
① 34 2 240 5646/405 501  
✉ jre@ll.iac.es
- Rodriguez-Franco Arturo**  
Observ  
Nacional  
Apt 1143  
E 28800 Alcala d Henares  
Spain  
☎ 34 1 885 5060  
① 34 1 885 5062  
✉ arturo@oan.es
- Roelfsema Peter**  
Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4073  
① 31 50 363 6100
- Roellig Thomas L**  
NASA/AMES  
MS 245-6  
Moffett Field CA 94035  
1000  
USA  
☎ 1 650 604 6426  
① 1 650 604 6779  
✉ troellig@  
mail.arc.nasa.gov
- Roemer Elizabeth**  
Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 2897  
① 1 520 621 4933  
✉ eroemer@  
pir1.lpl.arizona.edu
- Roemer Max**  
IAEF  
Univ Bonn  
auf d Huegel 71  
D 53121 Bonn  
Germany  
☎ 49 228 73 3670  
① 49 228 73 3672
- Roennaeng Bernt O**  
Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5500  
① 46 31 772 5550
- Roeser Hans-peter**  
DLR  
Inst f Planetenerkundg  
Rudower Chaussee 5  
D 12489 Berlin  
Germany  
☎ 49 306 954 5500  
① 49 306 954 5502  
✉ hans-peter.roeser@dlr.de
- Roeser Hermann-Josef**  
MPI Astronomie  
Koenigstuhl 17  
D 69117 Heidelberg  
Germany  
☎ 49 6221 528 0206  
① 49 6221 528 246  
✉ roeser@mpia-hd.mpg.de
- Roeser Siegfried**  
ARI  
Moenchstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 5158  
① 49 622 140 5297  
✉ s19@  
ix.urz.uni-heidelberg.de
- Roettgering Huub**  
Sterrewacht Leiden  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5051  
① 31 71 527 5019  
✉ roettgeri@  
strw.leidenuniv.nl

**Roger Robert S**  
 DRAO  
 NRCC/HIA  
 Box 248  
 Penticton BC V2A 6K3  
 Canada  
 ☎ 1 250 493 2277  
 ☎ 1 250 493 7767

**Rogers Alan E E**  
 Haystack Observ  
 Westford MA 01886  
 USA  
 ☎ 1 617 692 4764  
 ☎ 1 617 981 0590

**Rogers Christopher**  
 DRAO  
 NRCC/HIA  
 Box 248  
 Penticton BC V2A 6K3  
 Canada  
 ☎ 1 250 493 2277  
 ☎ 1 250 493 7767  
 ✉ crogers@drao.nrc.ca

**Rogers Forrest J**  
 LLNL  
 Box 808  
 Livermore CA 94551 9900  
 USA  
 ☎ 1 925 422 7351  
 ☎ 1 925 423 7228  
 ✉ rogers4@llnl.gov

**Rogerson John B**  
 Dpt Astrophysical Sci  
 Princeton Univ  
 Peyton Hall  
 Princeton NJ 08544 1001  
 USA  
 ☎ 1 609 452 3806  
 ☎ 1 609 258 1020

**Rogstad David H**  
 CALTECH/JPL  
 MS 11/116  
 4800 Oak Grove Dr  
 Pasadena CA 91109 8099  
 USA  
 ☎ 1 818 351 1321  
 ☎ 1 818 393 6030

**Rohlf's Kristen**  
 Am Wiesental 3  
 D 44789 Bochum  
 Germany

**Roland Ginette**  
 Inst Astrophysique  
 Universite Liege  
 Av Cointe 5  
 B 4000 Liege  
 Belgium  
 ☎ 32 4 254 7510  
 ☎ 32 4 254 7511  
 ✉ roland@astro.ulg.ac.be

**Rolland Angel**  
 Inst Astrofisica  
 Andalucia Apt 3004  
 PrBox Albareda 1  
 E 18080 Granada  
 Spain  
 ☎ 34 5 812 1300  
 ☎ 34 5 881 4530

**Roman Nancy Grace**  
 4260 N Park Av  
 Apt 306w  
 Chevy Chase MD 20815  
 USA  
 ☎ 1 301 656 6092  
 ☎ 1 301 286 1771  
 ✉ nancy.g.roman@gscf.nasa.gov

**Romanchuk Pavel R**  
 Astron Observ  
 Kyiv State Univ  
 Observatornaya Ul 3  
 252053 Kyiv  
 Ukraine  
 ☎ 380 4421 62691

**Romani Roger William**  
 Physics Dpt  
 Stanford Univ  
 Stanford CA 94305  
 USA  
 ☎ 1 415 725 7595  
 ☎ 1 415 723 9389  
 ✉ rwr@gemina.stanford.edu

**Romanishin William**  
 Dpt Phys/Astronomy  
 Univ Oklahoma  
 Norman OK 73019  
 USA  
 ☎ 1 405 325 3961  
 ☎ 1 405 325 7557

**Romano Giuliano**  
 V S Antonio d Padova 7  
 I 31100 Treviso  
 Italy

**Romanov Yuri S**  
 Astron Observ  
 Odessa State Univ  
 Shevchenko Park  
 270014 Odessa  
 Ukraine  
 ☎ 380 4822 20396  
 ☎ 380 4822 28442  
 ✉ root@astro.odessa.ua

**Romanyuk Iosif I**  
 SAO  
 Acad Sciences  
 Nizhnij Arkhyz  
 357147 Karachaevo  
 Russia  
 ☎ 7 878 78 465 77  
 ☎ 7 901 498 2931  
 ✉ roman@sao.ru

**Romanyuk Yaroslav O**  
 Main Astron Observ  
 Ukrainian Acad Science  
 Golosiiv  
 Kyiv 127 03680  
 Ukraine  
 ☎ 380 44 266 4769  
 ☎ 380 44 266 2147  
 ✉ romaniuk@mao.kiev.ua

**Romer Anita K**  
 Physics Dept  
 Carnegie Mellon University  
 5000 Forbes Ave  
 Pittsburgh PA 15213  
 USA  
 ☎ 1 412 268 8351  
 ☎ 1 412 681 0648  
 ✉ romer@andrew.cmu.edu

**Romero Gustavo Esteban**  
 IAR  
 CC 5  
 1894 Villa Elisa (Bs As)  
 Argentina  
 ☎ 54 221 425 4909  
 ☎ 54 221 425 4909  
 ✉ romero@irma.iar.unlp.edu.ar

**Romero Perez M Pilar**  
 Inst Astron/Geodesia  
 Fac Ciencias Matemat  
 Univ Complutense  
 E 28040 Madrid  
 Spain  
 ☎ 34 1 244 2501  
 ☎ 34 1 394 5195

**Romney Jonathan D**  
 NRAO  
 Box 0  
 Socorro NM 87801 0387  
 USA  
 ☎ 1 505 772 4011  
 ☎ 1 505 835 7027

**Rompolt Bogdan**  
 Astron Inst  
 Wroclaw Univ  
 Ul Kopernika 11  
 PL 51 622 Wroclaw  
 Poland  
 ☎ 48 71 372 9373/74  
 ☎ 48 71 372 9378

**Ron Cyril**  
 Astron Inst  
 Czech Acad Sci  
 Bocni Ii 1401  
 CZ 141 31 Praha 4  
 Czech Rep  
 ☎ 420 2 67 10 3030  
 ☎ 420 2 76 90 23  
 ✉ ron@ig.cas.cz

**Roncin Jean-Yves**  
 Lab Traitement du Signal  
 et Instrumentation  
 23 r Dr P Michelon  
 F 42023 Saint Etienne  
 France  
 ☎ 33 4 77 48 5168  
 ☎ 33 4 77 48 5120  
 ✉ roncin@univ-st-etienne.fr

**Rong Jianxiang**  
 Astronomy Dpt  
 Nanjing Univ  
 Nanjing 210093  
 China PR  
 ☎ 86 25 34651\*2882  
 ☎ 86 25 330 2728

**Rood Herbert J**  
 Inst Advanced Study  
 School Natural Science  
 Princeton NJ 08540  
 USA  
 ☎ 1 609 734 8055

**Rood Robert T**  
Univ Station  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
0818  
USA  
☎ 1 804 924 4904  
✉ rtr@virginia.edu

**Roos Matts**  
Helsinki Univ  
Observ  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 19 12 2940  
① 358 19 18 366  
✉ mroos@phcu.helsinki.fi

**Roos Nicolaas**  
Leiden Observ  
Herenweg 145  
NL 2201 AE Noordwijk  
Netherlands  
☎ 31 71 403 3433  
① 31 71 402 9429  
✉ roos@strw.Leidenuniv.nl

**Roosbeek Fabian**  
Observ  
Av Circulaire 3  
B 1180 Brussels  
Belgium  
☎ 32 2 373 0246  
① 32 2 374 9822  
✉ fabian.roosbeek@oma.be

**Roosen Robert G**  
6208 Univ Av  
Suite A  
San Diego CA 92115  
USA  
☎ 1 619 229 1449  
✉ roosen@ax.com

**Roques Francoise**  
Observ  
DESPA  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7409  
① 33 1 45 07 7971  
✉ roques@obspm.fr

**Roques Sylvie**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
① 33 5 61 27 3179

**Ros Rosa M**  
Dpt Mat Aplicada  
U P Cataluna  
Victor Balaguer Sn  
E 08800 Vilanova  
Spain  
☎ 34 3 896 7720  
① 34 3 896 7700  
✉ ros@mat.upc.es

**Rosa Dragan**  
Astron Observ  
Opaticka 22  
pp 943  
HR 10000 Zagreb  
Croatia  
☎ 385 1 442 271  
① 385 1 422 271  
✉ dragan.rosa@public.srce.hr

**Rosa Michael Richard**  
ESO  
ST-ECF  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6241  
① 49 893 200 6480  
✉ mrosa@eso.org

**Rosado Margarita**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 616 0653  
✉ margarit@astroscu.unam.mx

**Rose James Anthony**  
Dpt Phys/Astronomy  
Univ N. Carolina CB#3255  
Phillips Hall  
Chapel Hill NC 27599-3255  
USA  
☎ 1 919 962 7170  
① 1 919 962 0480  
✉ jim@physics.unc.edu

**Rose William K**  
Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 299 2777  
① 1 301 314 9067

**Rosen Edward**  
Dpt History  
City College NY  
138 St Convene Av  
New York NY 10031  
USA  
☎ 1 212 690 6823

**Rosenbush Alexander E**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 21 47  
✉ mijush@mao.kiev.ua

**Rosendhal Jeffrey D**  
NASA Headquarters  
Code SZ  
600 Independence Av SW  
Washington DC 20546  
USA  
☎ 1 202 358 0738  
① 1 202 358 3096  
✉ jrosendhal@hq.nasa.gov

**Rosenzweig-Levy Patricia**  
Dpt Fisica  
Univ Los Andes  
Merida 5101 A  
Venezuela  
☎ 58 74 401 331  
① 58 74 401 286  
✉ patricia@ciens.ula.ve

**Roslund Curt**  
Dpt Astron/Astrophys  
Chalmers Technical Univ  
SE 412 96 Goeteborg  
Sweden  
☎ 46 31 772 1000  
① 46 31 772 3204

**Rosner Robert**  
Astronomy/Astrophys Ctr  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 702 0560  
① 1 312 702 8212  
✉ r.rosner@uchicago.edu

**Rosquist Kjell**  
Inst Theoret Phys  
Vanadisvaegen 9  
SE 113 46 Stockholm  
Sweden  
☎ 46 82 28 160\*225

**Ross Dennis K**  
Physics Dpt  
Iowa State Univ  
Ames IA 50011  
USA  
☎ 1 515 294 6010  
① 1 515 294 3262

**Ross John E R**  
Physics Dpt  
Univ Queensland  
St Lucia  
Brisbane QLD 4072  
Australia  
☎ 61 7 336 53429  
① 61 7 371 5896  
✉ ross@physics.uq.oz.au

**Rossello Gaspar**  
Dpt Fisica Atmosfera  
Univ Barcelona  
Avd Diagonal 645  
E 08028 Barcelona  
Spain  
☎ 34 3 402 1125  
① 34 3 402 1133

**Rossi Corinne**  
Dipt Fisica  
Univ d Roma La Sapienza  
PI A Moro 2  
I 00185 Roma  
Italy  
☎ 39 06 440 3734  
① 39 06 440 3673  
✉ Corinne.Rossi@uniroma1.it

**Rossi Lucio**

IAS CNR  
Area di Ricerca di Tor Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
① 39 06 206 60188

**Rossi Silvia C F**

Dpt de Astronomia  
USP  
av Miquel Stefano 4200  
04301 904 Sao Paulo  
Brazil  
☎ 55 11 577 8599\*224  
① 55 11 577 0270  
✉ rossi@iagusp.usp.br

**Rostas Francois**

Observ  
DAMAP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7565  
① 33 1 45 07 7121  
✉ rostas@obspm.fr

**Rosvick Joanne M**

Div Sciences / Health  
Services  
Univ College the Cariboo  
Box 3010, 900 McGill Rd  
Kamloops BC V2C 5N3  
Canada  
☎ 1 250 828 5409  
① 1 250 828 5450  
✉ jrosvick@cariboo.bc.ca

**Roth Michel A**

Inst Space Aeronomy  
Av Circulaire 3  
B 1180 Brussels  
Belgium  
☎ 32 2 373 0365  
① 32 2 374 8423  
✉ michel.roth@bira-iasb.oma.be

**Roth Miguel R**

CIW  
Las Campanas Observ  
Casilla 601  
La Serena  
Chile  
☎ 56 51 21 3032  
✉ mroth@ulco.cl

**Rothenflug Robert**

DAPNIA/SAP  
CEA Saclay  
BP 2  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 4327  
① 33 1 69 08 6577

**Rots Arnold H**

CfA  
HCO/SAO MS 81  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7701  
① 1 617 495 7356  
✉ arots@head-cfa.harvard.edu

**Rouan Daniel**

Observ  
DESPA  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7715  
① 33 1 45 07 2806  
✉ rouan@obspm.fr

**Roudier Thierry**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
① 33 5 61 27 3179

**Roueff Evelyne M A**

Observ  
DAEC  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7435  
① 33 1 45 07 7123  
✉ Evelyne.Roueff@obspm.fr

**Rountree Janet**

Box 65285  
Tucson AZ 85728  
USA  
✉ rountree@nssdca.gsfc.nasa.gov

**Rouse Carl A**

627 15 Th Str  
Del Mar CA 92014  
USA  
☎ 1 619 455 4015

**Rousseau Jeanine**

Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 56 0705  
① 33 4 72 39 9791

**Rousseau Jean-Michel**

Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
① 33 5 56 40 4251  
✉ rousseau@observ.u-bordeaux.fr

**Russelot Philippe**

Observ  
41bis Av Observatoire  
BP 1615  
F 25010 Besancon Cdx  
France  
☎ 33 3 81 66 6900  
① 33 3 81 66 6944  
✉ philippe@obs-besancon.fr

**Routledge David**

Dpt Electric Engin  
Univ Alberta  
Edmonton AB T6G 2J1  
Canada  
☎ 1 403 432 5668

**Routly Paul M**

Kentsdale Dr  
Potomac MD 20854  
USA  
☎ 1 301 469 7173  
✉ pmrout@aol.com

**Rovero Adrian Carlos**

IAFE  
CC 67 Suc 28  
1428 Buenos Aires  
Argentina  
☎ 54 11 4781 6755  
① 54 11 4786 8114  
✉ rovero@iafe.uba.ar

**Rovira Marta Graciela**

IAFE  
CC 67 Suc 28  
1428 Buenos Aires  
Argentina  
☎ 54 11 4789 0179 121  
① 54 11 4786 8114  
✉ rovira@iafe.uba.ar

**Rovithis Peter**

Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 346 3803  
① 30 1 346 4566

**Rovithis-Livaniou Helen**

Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414  
① 30 1 723 5122

**Rowan-Robinson Michael**

Astrophysics Gr  
Imperial Coll  
Prince Consort Rd  
London SW7 2BZ  
UK  
☎ 44 171 594 7771  
① 44 171 594 7772

**Rowson Barrie**

21 Buttermere Rd  
Gatley SK8 4RQ  
UK  
☎ 44 16 14 284 306  
✉ barrie.rowson@quista.net

**Roxburgh Ian W**  
School Mathemat Sc  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 980 4811  
① 44 181 975 5500

**Roy Archie E**  
Astronomy Dpt  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855\*502  
① 44 14 13 349 029

**Roy Jean-Rene**  
Dpt d Physique  
Universite Laval  
Fac Sciences/Genie  
San Foy QC G1K 7P4  
Canada  
☎ 1 418 656 5816  
① 1 418 656 2040  
✉ jroy@phy.ulaval.ca

**Royer Frederic**  
Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 26 11  
① 41 22 755 3983  
✉ frederic.royer@obs.unige.ch

**Rozas Maite**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5254  
① 34 2 260 5210  
✉ mrozass@ll.iac.es

**Rozelot Jean-Pierre**  
OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 36 5849  
① 33 4 93 40 5353  
✉ jean-pierre.rozelot@obs-azur.fr

**Rozhkovskij Dimitrij A**  
Astrophys Inst  
Kazakh Acad Sci  
480068 Alma Ata  
Kazakistan  
☎ 7 62 4040

**Rozyczka Michal**  
Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
① 48 22 841 0828  
✉ mnr@camk.edu.pl

**Ruben Gerhard**  
Sternwarte Babelsberg  
Kantstrasse 6  
D 14471 Potsdam  
Germany  
✉ geruben@metronet.de

**Rubenstein Eric**  
Yale University  
Astron Dpt  
P.O. Box 208101  
New Haven CT 06520 -  
8101  
USA  
☎ 1 203 432 8923  
① 1 203 432 5048  
✉ ericr@astro.yale.edu

**Rubin Robert Howard**  
NASA ARC  
MS 245 6  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 604 6450  
① 1 415 604 6779  
✉ rubin@cygnus.arc.nasa.gov

**Rubin Vera C**  
Dpt Terrestre Magnetism  
Carnegie Inst Washington  
5241 Bd Branch Rd NW  
Washington DC 20015 1305  
USA  
☎ 1 202 478 8861  
① 1 202 464 8821  
✉ rubin@gal.ciw.edu

**Rubio Monica**  
Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
① 56 2 229 4002

**Rucinski Daniel**  
Space Res Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 40 3766  
① 48 22 36 8961  
✉ rucinski@cbk.waw.pl

**Rucinski Slavek M**  
David Dunlap Observ  
Univ Toronto  
P.O. Box 360, Richmond  
Hill  
Ontario L4C 4Y6  
USA  
☎ 1 905 884 9562  
① 1 905 884 2672  
✉ rucinski@astro.utoronto.ca

**Rudak Bronislaw**  
NCAC  
Polish Acad Sciences  
Ul Rabińska 8  
PL 87 100 Torun  
Poland  
☎ 48 56 19 319  
① 48 56 19 381  
✉ bronek@ncac.torun.pl

**Rudenko Valentin N**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 939 16 34  
① 7 932 88 41  
✉ rvn@sai.msu.ru

**Ruder Hanns**  
Lehrstuhl Theoret Astro  
Physik Univ Tuebingen  
Auf d Morgenstelle 12 C  
D 72076 Tuebingen  
Germany  
☎ 49 707 129 2487  
① 49 707 129 7575

**Ruderman Malvin A**  
Dpt Applied Mathematics  
Univ Sheffield  
Hicks Building, Western  
Bank  
Sheffield S3 7RH  
UK  
☎ 44 1142 223 717  
① 44 114 222 3739  
✉ M.S.Ruderman@sheffield.ac.uk

**Ruderman Michael S**  
68 St. Nicholas St.  
St Andrews Fife KY16 8BH  
UK  
☎ 44 1334 46 3737  
① 44 1334 46 3748  
✉ michaelr@dcs.st-and.ac.uk

**Rudkjøbing Mogens**  
Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 86 12 8899  
① 45 86 20 2711

**Rudnick Lawrence**  
School Phys/Astronomy  
Univ Minnesota  
116 Church St SE  
Minneapolis MN 55455  
USA  
☎ 1 612 624 3396  
① 1 612 624 2029  
✉ larry@astro.spa.umn.edu

**Rudnicki Konrad**  
Observ Fort Skala  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 425 1771  
① 48 12 637 8053  
✉ rudnicki@oa.uj.edu.pl

**Rudnitskij Georgij M**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1030  
① 7 095 939 1661  
✉ gmr@sai.msk.su



**Rudzikas Zenonas B**

Inst Theor Physics/  
Astronomy  
Gostauto 12  
LT Vilnius 2600  
Lithuania  
☎ 370 2 620 939  
☎ 370 2 224 694  
✉ astro@itpa.fi.lt

**Ruediger Guenther**

Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9512  
✉ gruediger@aip.de

**Ruelas-Mayorga R A**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
☎ 52 5 616 0653  
✉ rarm@astroscu.unam.mx

**Rufener Fredy G**

Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
☎ 41 22 755 3983

**Ruffert Maximilian**

Dpt Maths/Statistics  
Univ Edinburgh  
Edinburgh EH9 3JZ  
UK  
☎ 44 13 16 505 039  
☎ 44 13 16 506 553  
✉ m.ruffert@ed.ac.uk

**Ruffini Remo**

Dpt Fisica  
Univ d Roma La Sapienza  
PI A Moro 2  
I 00185 Roma  
Italy  
☎ 39 06 497 6304  
☎ 39 06 202 3507

**Rugge Hugo R**

Aerospace Corp  
MS M2 226  
Box 92957  
Los Angeles CA 90009 2957  
USA  
☎ 1 310 648 7086  
☎ 1 310 336 1636

**Ruggles Clive L N**

School Archaeological Studies  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 3409  
☎ 44 116 252 5005  
✉ rug@le.ac.uk

**Ruiz Maria Teresa**

Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
☎ 56 2 229 4002

**Rule Bruce H**

Hale Observ  
2205 Monte Vista St  
Pasadena CA 91107  
USA  
☎ 1 818 794 6593

**Rumsey Norman J**

21 Malone Rd  
Lower Hutt  
New Zealand  
☎ 64 4 69 6787

**Runacres Mark C**

Royal Observ  
Ringlaan 3  
B 1180 Brussels  
Belgium  
☎ 32 2 373 0348  
☎ 32 2 374 9822  
✉ mark.runacres@oma.be

**Rupprecht Gero**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6355  
☎ 49 893 202 362  
✉ grupprecc@eso.org

**Ruprecht Jaroslav**

Astron Inst  
Czech Acad Sci  
Bocni li 1401  
CZ 141 31 Praha 4  
Czech Rep  
☎ 420 2 67 10 3041  
☎ 420 2 76 90 23

**Rusconi Luigia**

Dpt Astronomia  
Univ d Trieste  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 794 863  
☎ 39 040 309 418

**Rusin Vojtech**

Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 4467 866  
☎ 421 969 4467 656  
✉ vrusin@ta3.sk

**Ruskol Eugenia L**

Inst Phys the Earth  
Acad Sciences  
Gruzinskaya 10  
123342 Moscow  
Russia  
☎ 7 095 252 0726

**Russel Sara S**

Dpt Mineralogy  
National History Museum  
Cromwell Road  
London SW18 5LL  
UK  
☎ 44 207 942 5074  
☎ 44 207 942 5537  
✉ sarr@nhm.ac.uk

**Russell Christopher T**

Inst Geophys/Planets  
UCLA  
Los Angeles CA 90095 1567  
USA  
☎ 1 310 825 3188  
☎ 1 310 206 3051  
✉ crussell@igpp.ucla.edu

**Russell Jane L**

NASA GSFC  
Code 664  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3569  
☎ 1 301 286 1629  
✉ jrussell@  
theamail.gsfc.nasa.gov

**Russell John A**

Dpt Phys/Astronomy  
USC  
Los Angeles CA 90089 1342  
USA  
☎ 1 213 743 0231  
☎ 1 213 740 7254

**Russell Kenneth S**

AAO  
UK Schmidt Telescope  
Private Bag  
Coonabarabran NSW 2357  
Australia  
☎ 61 68 426 311  
☎ 61 68 846 298

**Russev Ruscho**

Astronomy Dpt  
Univ Sia Kliment Ohridiski  
5 James Bourchier Blvd  
BG 1164 Sofia  
Bulgaria  
☎ 359 2 54 4852  
☎ 359 2 68 9085  
✉ russevat@astro.bas.bg

**Russeva Tatjana**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
☎ 359 2 75 5019  
✉ russevat@astro.bg

**Russo Guido**

Dpt Scienze Fisiche  
Univ d Napoli  
Mostra D Oltremare Pad 19  
I 80125 Napoli  
Italy  
☎ 39 08 172 53447  
☎ 39 08 161 4508  
✉ russo@napoli.infn.it

**Rust David M**

APL  
 JHU  
 Johns Hopkins Rd  
 Laurel MD 20723 6099  
 USA  
 ☎ 1 301 953 5000  
 ☎ 1 301 953 1093  
 ✉ David.rust@jhupl.edu

**Rusu I**

Astron Inst  
 Romanian Acad Sci  
 Cutitul de Argint 5  
 RO 75212 Bucharest  
 Romania  
 ☎ 40 1 335 6892  
 ☎ 40 1 312 3391

**Rusu L**

Str Mitropolitul Iosif 47  
 RO 75217 Bucharest  
 Romania

**Rutten Renee G M**

Royal Greenwich Observ  
 Apt 321  
 Santa Cruz de La Palma  
 E 38780 Santa Cruz  
 Spain  
 ☎ 34 2 240 5500  
 ☎ 34 2 240 5646/405 501

**Rutten Robert J**

Sterrekundig Inst Utrecht  
 Box 80000  
 NL 3508 TA Utrecht  
 Netherlands  
 ☎ 31 30 253 5200  
 ☎ 31 30 253 1601  
 ✉ R.J.Rutten@astro.uu.nl

**Ruzdjak Vladimir**

Inst Physics  
 Univ Zagreb  
 Box 304  
 HR 10000 Zagreb  
 Croatia  
 ☎ 385 1 271 211

**Ruzickova-Topolova B**

Astron Inst  
 Czech Acad Sci  
 Fricova 1  
 CZ 251 65 Ondrejov  
 Czech Rep  
 ☎ 420 204 620201  
 ☎ 420 204 620110

**Ryabchikova Tanya**

Inst Astronomy  
 Acad Sciences  
 Pyatnitskaya Ul 48  
 109017 Moscow  
 Russia  
 ☎ 7 095 231 5461  
 ☎ 7 095 230 2081  
 ✉ ryabchik@inasan.rssi.ru

**Ryabov Michael I**

Odessa Observ  
 Inst Radio Astronomy NASU  
 37 Pushkinska St.  
 Odessa  
 Ukraine  
 ☎ 380 482 247 160  
 ☎ 380 482 228 442  
 ✉ astro@te.net.ua

**Ryabov Yu A**

Mathematics Dpt  
 MADI  
 Leningradsky Pr 64  
 125319 Moscow  
 Russia  
 ☎ 7 095 155 0326

**Ryan Sean Gerard**

Dpt Physcis / Astron  
 Open Univ  
 Walton Hall  
 Mylton Keynes MK7 6AA  
 UK  
 ☎ 44 190 865 2511  
 ☎ 44 190 865 4192  
 ✉ s.g.ryan@open.ac.uk

**Rybansky Milan**

Astron Inst  
 Slovak Acad Sci  
 SK 059 60 Tatranska Lomni  
 Slovakia  
 ☎ 421 969 96 7866  
 ☎ 421 969 96 7656

**Rybicki George B**

CfA  
 HCO/SAO  
 60 Garden St  
 Cambridge MA 02138 1516  
 USA  
 ☎ 1 617 495 7452  
 ☎ 1 617 495 7093  
 ✉ grybicki@cfa.harvard.edu

**Rydbeck Gustaf H B**

Onsala Space Observ  
 Chalmers Technical Univ  
 SE 439 92 Onsala  
 Sweden  
 ☎ 46 31 772 5500  
 ☎ 46 31 772 5550

**Ryder Stuart**

Joint Astronomy Centre  
 660 N.A'Ohuku Place  
 Hilo HI 96720  
 USA  
 ☎ 1 808 961 3756  
 ☎ 1 808 961 6516  
 ✉ sryder@jach.hawaii.edu

**Rykhlova Lidija V**

Inst Astronomy  
 Acad Sciences  
 Pyatnitskaya Ul 48  
 109017 Moscow  
 Russia  
 ☎ 7 095 231 5461  
 ☎ 7 095 230 2081  
 ✉ rykhlova@inasan.rssi.ru

**Rys Stanislaw**

Astron Observ  
 Krakow Jagiellonian Univ  
 Ul Orla 171  
 PL 30 244 Krakow  
 Poland  
 ☎ 48 12 25 1294  
 ☎ 48 12 25 1318  
 ✉ strys@oa.uj.edu.pl

**Ryu Dongsu**

Dpt Astronomy/Space Sci  
 Chungnam Ntl Univ  
 Daejeon  
 Korea RP  
 ☎ 82 428 21 5466  
 ☎ 82 428 22 8380  
 ✉ ryu@sirius.chungnam.ac.kr

**Ryutova Margarita P**

Inst Theor Astronomy  
 Acad Sciences  
 Siberian Div  
 630090 Novosibirsk  
 Russia  
 ☎ 7 383 235 9943  
 ☎ 7 383 235 2163  
 ✉ ryutova@vxn timer.inp.nsk.ru

**Rzhiga Oleg N**

Inst Radio/Electron  
 Acad Sciences  
 Marx Av 18  
 103907 Moscow  
 Russia

## S

**Saar Enn**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 416 625  
☎ 372 7 410 205  
✉ saar@aai.ee

**Sabano Yutaka**

Astron Inst  
Tohoku Univ  
Sendai Aoba  
Miyagi 980  
Japan  
☎ 81 222 22 1800  
☎ 81 22 262 6609

**Sabau-Graziati Lola**

Inst Nacional Tec  
Aeroespacial  
Ctr Aljarvir km 4 500  
E 28850 Torrejon d Ardoz  
Spain  
☎ 34 1 520 1681  
☎ 34 1 520 1945  
✉ sabaumd@inta.es

**Sabbadin Franco**

Osserv Astrisico  
Univ d Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy  
☎ 39 042 446 2665  
☎ 39 042 446 2884

**Sack Noam**

Dpt Theor Physics  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel  
☎ 972 2 658 4605  
☎ 972 2 611 519

**Sackett Penny**

Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4073  
☎ 31 50 363 6100  
✉ psackett@astro.rug.nl

**Sackmann Ingrid Juliana**

CALTECH  
Kellogg Radiation Lab  
Pasadena CA 91125  
USA  
☎ 1 818 356 4256  
☎ 1 818 564 8708

**Sadakane Koza**

Astron Inst  
Osaka Kyoiku Univ  
4 88 Minamikawahoricho  
Osaka 543  
Japan  
☎ 81 729 76 3211 \*3124  
☎ 81 729 76 3269

**Sadat Rachida**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 90 24 2410  
☎ 33 3 90 24 2432  
✉ sadat@astro.u-strasbg.fr

**Sadeh D**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 420 553  
☎ 972 3 640 8179

**Sadik Aziz R**

SARC  
Scientific Res Council  
Box 2441  
Jadiriya Baghdad  
Iraq  
☎ 964 1 776 5127

**Sadler Elaine Margaret**

School Physics  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 935 12622  
☎ 61 2 935 17726  
✉ ems@physics.usyd.edu.au

**Sadun Alberto Carlo**

Univ Colorado  
Campus Box 157  
Box 173364  
Denver CO 80217 3364  
USA  
☎ 1 303 556 6256  
☎ 1 303 556 6257  
✉ asadun@carbon.cudenver.edu

**Sadzakov Sofija**

Astron Observ  
Volgina 7  
11160 Beograd  
Yugoslavia FR  
☎ 381 1 141 9357/421 875  
☎ 381 1 141 9553  
✉ ssadzakov@aob.bg.ac.yu

**Saemundson Thorsteinn**

Raunvisindastnun  
Haskolans  
Dunhaga 3  
IS 107 Reykjavik  
Iceland  
☎ 354 525 4800  
☎ 354 552 8911  
✉ halo@ravnis.hi.is

**Safko John L**

Dpt Phys/Astronomy  
Univ S Carolina  
Columbia SC 29208  
USA  
☎ 1 803 777 6466

**Sagar Ram**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 5942 35136/35583  
☎ 91 5942 35583/36281  
✉ sagar@upso.ernet.in

**Sagdeev Roald Z**

Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 14 66  
☎ 7 095 310 7023

**Sage Leslie John**

Nature  
968 Ntl Press Bldg  
529 14th St NW  
Washington DC 20045 1938  
USA  
☎ 1 202 737 2355  
☎ 1 202 628 1609  
✉ nature@naturedc.com

**Saggion Antonio**

Dpt Fisica G Galilei  
Univ d Padova  
Via Marzolo 8  
I 35131 Padova  
Italy  
☎ 39 049 84 4254  
☎ 39 049 844 245

**Saglia Roberto Philip**

Inst Astron/Astrofysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 899 220 9425  
☎ 49 899 220 9427  
✉ saglia@hall.usm.uni-muenchen.de

**Saha Abhijit**  
 NOAO/KPNO  
 Box 26732  
 950 N Cherry Av  
 Tucson AZ 85726 6732  
 USA  
 ☎ 1 520 318 8288  
 ☎ 1 520 318 8360  
 ✉ saha@noao.edu

**Saha Swapan Kumar**  
 IIA  
 Koramangala  
 Sarjapur Rd  
 Bangalore 560 034  
 India  
 ☎ 91 80 356 9902  
 ☎ 91 80 553 4043

**Sahade Jorge**  
 Fac Ciencias Astronomicas  
 UNLP  
 Observatorio Astronomico  
 1900 CGA La Plata (Bs As)  
 Argentina  
 ☎ 54 221 423 6593/4  
 ☎ 54 221 423 6591  
 ✉ sahade@fcaglp.fcaglp.unlp.edu.ar

**Sahai Raghvendra**  
 CALTECH/JPL  
 MS 169 506  
 4800 Oak Grove Dr  
 Pasadena CA 91109 8099  
 USA  
 ☎ 1 818 354 0452  
 ☎ 1 818 354 8895  
 ✉ sahai@jplsp.jpl.nasa.gov

**Sahal-Brechot Sylvie**  
 Observ  
 DAMAP  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7442  
 ☎ 33 1 45 07 7121  
 ✉ sahal@obsppm.fr

**Sahibov Firuz H**  
 Astrophys Inst  
 Tajik Acad Sci  
 Bukhoro Str 22  
 734042 Dushanbe  
 Tajikistan  
 ☎ 7 3770 23 1432  
 ☎ 7 3770 27 5483

**Sahni Varun**  
 IUCAA  
 PO Box 4  
 Ganeshkhind  
 Pune 411 007  
 India  
 ☎ 91 212 351 414/5  
 ☎ 91 212 350 760  
 ✉ varun@iucaa.ernet.in

**Sahu Kailash C**  
 STScI  
 Homewood Campus  
 3700 San Martin Dr  
 Baltimore MD 21218  
 USA  
 ☎ 1 410 338 4930  
 ☎ 1 410 338 4796  
 ✉ ksahu@stsci.edu

**Saijo Keiichi**  
 Dpt Physical Sci  
 National Science Museum  
 7 20 Ueno Park Taito Ku  
 Tokyo 110  
 Japan  
 ☎ 81 382 20 111

**Saikia Dhruba Jyoti**  
 NCRA TIFR  
 Pune Univ Campus Pb 3  
 Ganeshkhind  
 Pune 411 007  
 India  
 ☎ 91 212 33 7107  
 ☎ 91 212 33 5760

**Saio Hideyuki**  
 Astron Inst  
 Tohoku Univ  
 Sendai Aoba  
 Miyagi 980  
 Japan  
 ☎ 81 22 222 1800\*3327  
 ☎ 81 22 262 6609  
 ✉ saio@astroa.astr.tohoku.ac.jp

**Saissac Joseph**  
 Residences des Cretes,  
 entrée 5  
 80 Ave Jean Chambet  
 F 31500 Toulouse  
 France

**Saito Kuniji**  
 1 3 7 Osawa  
 Mitaka 181 0015  
 Japan

**Saito Mamoru**  
 Astronomy Dpt  
 Kyoto Univ  
 Sakyo Ku  
 Kyoto 606 01  
 Japan  
 ☎ 81 757 51 2111\*3904  
 ☎ 81 757 53 7010  
 ✉ saitom@kusastro.kyoto-u.ac.jp

**Saito Sumisaburo**  
 Kwasan/Hida Observ  
 Kyoto Univ  
 Yamashina  
 Kyoto 607  
 Japan  
 ☎ 81 755 81 1235  
 ☎ 81 755 93 9617

**Saito Takao**  
 Taihaku 3 6 29  
 Taihaku Sendai 982 0212  
 Japan

**Sakai Junichi**  
 Fac Eng  
 Toyama Univ  
 Toyama 930  
 Japan  
 ☎ 81 764 41 1271

**Sakai Shoko**  
 NOAO/KPNO  
 Box 26732  
 950 N Cherry Av  
 Tucson AZ 85726 6732  
 USA  
 ☎ 1 520 318 8255  
 ☎ 1 520 318 8360  
 ✉ shoko@noao.edu

**Sakamoto Kazushi**  
 Nobeyama Radio Observ  
 Minamisaku  
 Nagano 384 1305  
 Japan  
 ☎ 81 267 98 4366  
 ☎ 81 267 98 4339  
 ✉ sakamoto@nro.nao.ac.jp

**Sakamoto Seiichi**  
 Nobeyama Radio Observ  
 NAOJ  
 Minamimaki Mura  
 Nagano 384 13  
 Japan  
 ☎ 81 267 984 396  
 ☎ 81 267 984 339  
 ✉ seiichi@nro.nao.ac.jp

**Sakao Taro**  
 Ntl Astron Observ  
 Osawa 2 21 1  
 Mitaka  
 Tokyo 181  
 Japan  
 ☎ 81 422 34 3715  
 ☎ 81 422 34 3700  
 ✉ sakao@solar.mtk.nao.ac.jp

**Sakashita Shiro**  
 Kita 3 Nishi 17  
 2 9 402 402  
 Sapporo 060 Chuuuouku  
 Japan

**Sakhibullin Nail A**  
 Astronomy Dpt  
 Kazan State Univ  
 Lenin Ul 18  
 420008 Kazan  
 Russia  
 ☎ 7 32 3641

**Sakurai Kunitomo**  
 Physics Dpt  
 Kanagawa Univ  
 Kanagawaku  
 Yokohama 221  
 Japan  
 ☎ 81 454 81 5661

**Sakurai Takashi**  
 Tokyo Astron Observ  
 NAOJ  
 Osawa Mitaka  
 Tokyo 181  
 Japan  
 ☎ 81 422 32 5111  
 ☎ 81 422 34 3793

**Sakurai Takeo T**  
 1 10 2 Takadai  
 Nagaokakyo shi 617  
 Japan

**Sala Ferran**  
 Dpt Fisica Atmosfera  
 Univ Barcelona  
 Avd Diagonal 647  
 E 08028 Barcelona  
 Spain  
 ☎ 34 934 021 129  
 ☎ 34 934 021 133  
 ✉ ferran@fabsp1.am.ub.es

**Salama Farid**

NASA ARC  
MS 245 6  
Moffett Field CA 94035  
1000  
USA  
☎ 1 650 604 3384  
① 1 650 604 6779  
✉ fsalama@  
mail.arc.nasa.gov

**Salas Luis**

Observ  
Nacional  
Box 439027  
San Diego CA 92143 9027  
USA  
☎ 1 526 174 4580  
① 1 526 174 4607  
✉ salas@  
bufadora.astrosen.unam.mx

**Salazar Antonio**

ROA  
Cecilio Pujazon 22 3 A  
E 11110 San Fernando  
Spain  
☎ 34 5 688 3548  
① 34 5 689 9302  
✉ ccgeneral@czv1.uca.es

**Salah Magdy Y**

Astronomy Dpt  
Faculty Science  
King Saud Univ  
Riyadh 11451  
Saudi Arabia  
☎ 966 146 75 665  
✉ Myouamin@ksu.edu.sa

**Salez Morvan C**

Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2025  
① 33 1 40 51 2002  
✉ salez@obspm.fr

**Salinari Piero**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2231  
① 39 055 220 039  
✉ salinari@arcetri.astro.it

**Salisbury J W**

US Geological Survey  
927 National Ctr  
Reston VA 22092  
USA  
☎ 1 703 860 6668

**Salo Heikki**

Astronomy Dpt  
Univ Oulu  
Box 333  
FIN 90570 Oulu  
Finland  
☎ 358 81 553 1931  
① 358 8 553 1934  
✉ heikki@seita.oulu.fi

**Salpeter Edwin E**

Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 255 3302  
① 1 607 255 5907  
✉ hann@  
astrosun.tn.cornell.edu

**Salter Christopher John**

Arecibo Observ  
Box 995  
Arecibo PR 00613  
USA  
☎ 1 809 878 2612  
① 1 809 878 1861  
✉ csalter@naic.edu

**Salukvadze G N**

Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 95 5367  
① 995 32 98 7000

**Salvador-Sole Eduardo**

Dpt Fisica Atmosfera  
Univ Barcelona  
Avd Diagonal 647  
E 08028 Barcelona  
Spain  
☎ 34 934 021 121  
① 34 394 021 133  
✉ eduard@am.ub.es

**Salvati Marco**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2258  
① 39 055 220 039  
✉ salvati@arcetri.astro.it

**Salzer John Joseph**

Astronomy Dpt  
Van Vleck Observ  
Wesleyan Univ  
Middletown CT 06457  
USA  
☎ 1 203 347 9411\*2827  
① 1 203 344 7981  
✉ slaz@  
parcha.astro.wesleyan.edu

**Samain Denys**

IAS  
Bt 121  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 85 8578  
① 33 1 69 85 8675

**Samarasinha Nalin H**

NOAO  
950 N Cherry Ave  
Tucson AZ 85719  
USA  
☎ 1 520 318 8562  
① 1 520 318 8360  
✉ nalin@noao.edu

**Samec Ronald G**

Physics Dpt  
Bob Jones Univ  
1700 Wade Hampton Blvd  
Greenville SC 36014  
USA  
☎ 1 864 370 1800\*2223  
① 1 864 235 6661  
✉ rsamec@bju.edu

**Samimi Jalal**

Dpt Physics  
Sharif Univ Technology  
PO Box 11365-9161  
Tehran  
Iran

**Sampson Douglas H**

Astronomy Dpt  
Pennsylvania State Univ  
525 Davey Lab  
University Park PA 16802  
USA  
☎ 1 814 865 0261  
① 1 814 863 7114

**Sams Bruce Jones III**

Weidenweg 2  
D 85375 Neufahrn  
Germany  
☎ 49 8165 65083  
✉ sams@  
mpa-garching.mpg.de

**Samus Nikolai N**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 939 3318  
① 7 095 230 2081  
✉ samus@sai.msu.ru

**Sanahuja Blas**

Dpt Astronomia/Meteorologia  
Univ Barcelona  
Martí Franques 1  
E 08028 Barcelona  
Spain  
☎ 34 93 402 1131  
① 34 93 402 1133  
✉ blai@am.ub.es

**Sanamian V A**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
① 374 88 52 52 3640

**Sanchez Almeida Jorge**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
① 34 2 226 3005  
✉ jos@ias.es

**Sanchez Filomeno**  
Dpt Astron/Astrofísica  
Univ Valencia  
Dr Moliner 50  
E 46100 Burjassot  
Spain  
☎ 34 6 386 4755  
☎ 34 6 398 3084  
✉ filomeno@evalvx.ific.uv.es

**Sanchez Francisco**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
☎ 34 2 232 9117

**Sanchez Manuel**  
ROA  
Cecilio Pujazon 22 3 A  
E 11110 San Fernando  
Spain  
☎ 34 956 59 9368  
☎ 34 956 59 9366  
✉ sanchez@roa.es

**Sanchez Norma G**  
Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2075  
☎ 33 1 40 51 2002  
✉ Norma.Sanchez@obspm.fr

**Sanchez-Lavega Agustín**  
Dpt Física Aplicada  
Ets Ingenieros Ind y Tel  
Avda Urquijo S/n  
E 18013 Bilbao  
Spain  
☎ 34 4 441 6400\*353  
☎ 34 4 441 4041

**Sanchez-Saavedra M Luisa**  
Fac Ciencias  
Univ Granada  
E 18080 Granada  
Spain  
☎ 34 5 820 2212

**Sancisi Renzo**  
Osservatorio Astron  
Univ Bologna  
Via Ranzini 1  
I 40127 Bologna  
Netherlands  
☎ 39 051 209 5760  
☎ 39 051 209 5700  
✉ sancisi@bo.astro.it

**Sandage Allan**  
Carnegie Observ  
813 Santa Barbara St  
Pasadena CA 91101 1292  
USA  
☎ 1 818 577 1122  
☎ 1 818 795 8136

**Sandell Goran Hans I**  
Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA

**Sanders David B**  
Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 5055  
☎ 1 808 956 9580  
✉ sanders@ifa.hawaii.edu

**Sanders Robert**  
Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4065  
☎ 31 50 363 6100  
✉ sanders@astro.rug.nl

**Sanders Walt L**  
2395 Delaware Av 68  
Santa Cruz CA 95060  
USA  
☎ 1 831 426 2940  
✉ wsanders@nmsu.edu

**Sanders Wilton Turner III**  
Physics Dpt  
Univ Wisconsin  
1150 Univ Av  
Madison WI 53706  
USA  
☎ 1 608 262 5916  
☎ 1 608 263 6738  
✉ sanders@dxc.ssec.wisc.edu

**Sandford Maxwell T II**  
LANL  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 6384  
☎ 1 505 665 4055

**Sandford Scott Alan**  
NASA ARC  
MS 245 6  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 604 6849  
☎ 1 415 604 6779  
✉ sandford@ssa1.arc.nasa.gov

**Sandmann William Henry**  
6453 Cape George Road  
Port Townsend WA 98368  
USA  
☎ 1 360 385 5857  
✉ sandmann@olympus.net

**Sandqvist Aage**  
Royal Swedish Acad Sci  
SE 133 36 Saltsjöbaden  
Sweden  
☎ 46 8 717 0380  
☎ 46 8 717 4719  
✉ sandqvist@astro.su.se

**Sanford Peter William**  
Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
☎ 44 171 380 7145

**Saniga Metod**  
Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 967 866  
☎ 421 969 967 656  
✉ msaniga@auriga.ta3.sk

**Sanroma Manuel**  
Dpt d' Enginyeria  
Informatica  
Univ Rovira i Virgili  
E 43006 Tarragona  
Spain  
☎ 34 97 755 9666  
☎ 34 97 755 9710  
✉ msanroma@etse.urv.es

**Sansaturio Maria E**  
ETS  
Ingenieros Industriales  
Paseo del Cauce s/n  
E 47011 Valladolid  
Spain  
☎ 34 98 342 3388  
☎ 34 98 342 3406  
✉ marsan@wmatem.eis.uva.es

**Sansom Anne E**  
Centre for Astrophysics  
Univ Central Lancashire  
Preston PR1 2HE  
UK  
☎ 44 1772 3730  
☎ 44 1772 892 903  
✉ a.e.sansom@uclan.ac.uk

**Santamaria Raffaele**  
Ist Universitario Navale  
Via Acton 38  
I 80133 Napoli  
Italy  
☎ 39 08 154 75135  
☎ 39 08 1552 1485  
✉ samtamaria@nava1.uninav.it

**Santillan Alfredo J**  
Computo Aplicado- DGSCA  
UNAM  
Zona Cultural  
Mexico DF CP 04510  
Mexico  
☎ 52 56 22 67 76  
☎ 52 56 22 67 75  
✉ alfredo@astrocu.unam.mx

**Santin Paolo**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
📠 39 040 30 9418

**Santos Filipe D**

Centro Fisica Nuclear  
Univ Lisboa  
Av Pr Gamma Pinto  
P 1649-003 Lisboa Codex  
Portugal  
☎ 351 21 790 4809  
📠 351 21 795 4288  
✉ fdsantos@oal.ul.pt

**Santos Nilton Oscar**

Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 0235  
📠 55 21 580 0332

**Santos Jr Joao F**

Rua Claudio Manoel 862/802  
Belo Horizonte MC 30140  
100  
Brazil  
☎ 55 31 261 9681  
✉ jsantos@fisica.ufmg.br

**Sanwal Basant Ballabh**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136/2583  
✉ sanwal@bison.obs-besancon.fr

**Sanwal N B**

Astronomy Dpt  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 71 951\*247  
✉ nbs@ouastr.ernet.in

**Sanyal Ashit**

7505 Ridgewell Ct  
Beltsville MD 20705  
USA

**Sanz I Subirana Jaume**

Dpt Mat Aplicada UNP  
C/ Jordi Girona 1-3  
Campus Nord mod C3  
E 08034 Barcelona  
Spain  
☎ 34 93 401 6030  
📠 34 93 401 6801  
✉ jaume@mat.upc.es

**Sanz Jose L**

Istt Fisica d Cantabria  
C/o Facultad Ciencias  
Avda Los Castros s/n  
E 39005 Santander  
Spain  
☎ 34 4 220 1452  
📠 34 4 220 1402

**Sapar Arved**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 416 625  
📠 372 7 410 205

**Sapre Ashok Kumar**

Physics Dpt  
Univ Ravishankar  
Raipur 429 010  
India  
☎ 91 0771 535 924  
📠 91 0771 234 283

**Sarajedini Ata**

Univ Florida  
Dpt Astronomy  
P.O. Box 112055  
Gainesville FL 32611 2055  
USA  
☎ 1 352 392 2052\*252  
📠 1 352 392 5089  
✉ ata@astro.ufl.edu

**Sarasso Maria**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 810 1924  
📠 39 011 810 1930  
✉ sarasso@to.astro.it

**Sarazin Craig L**

Univ Station  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
0818  
USA  
☎ 1 804 924 4903  
📠 1 804 924 3104  
✉ cls7i@virginia.edu

**Sareyan Jean-Pierre**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3067  
📠 33 4 92 00 3033  
✉ sareyan@obs-azur.fr

**Sargent Anneila I**

CALTECH  
MS 320 47  
Downes Lab Box Physics  
Pasadena CA 91125  
USA  
☎ 1 818 356 6622  
📠 1 818 568 9352  
✉ afs@astro.caltech.edu

**Sargent Wallace L W**

CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 626 395 4055  
📠 1 626 568 9352  
✉ wws@astro.caltech.edu

**Sarma M B K**

Astronomy Dpt  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 40 701 8951  
✉ mbks@ouastr.ernet.in

**Sarma N V G**

RRI  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
📠 91 80 334 0492  
✉ sarma@rri.ernet.in

**Sarmiento-Galan A F**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📠 52 5 616 0653  
✉ ansar@astroscu.unam.mx

**Sarna Marek Jacek**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 840 3766  
📠 48 22 841 0828  
✉ sarna@camk.edu.pl

**Sarris Eleftherios**

Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 346 1191  
📠 30 1 346 4566

**Sarris Emmanuel T**

Dpt Elect Eng  
Democritus Univ Thrace  
GR 671 00 Xanthi  
Greece  
☎ 30 54 12 6948

**Sartori Leo**

Dpt Phys/Astronomy  
Univ Nebraska  
Behlen Observatory  
Lincoln NE 68588 0111  
USA  
☎ 1 402 472 2770  
📠 1 402 472 2879

**Sasaki Minoru**

Shimonoseki City Univ  
2-1 Daigaku-cho  
Shimonoseki 751 - 8510  
Japan  
☎ 81 832 54 8668  
📠 81 832 54 8691  
✉ sasaki-m@shimonoeski-cu.ac.jp

**Sasaki Misao**

Dpt Earth/Space Sci  
Grad School Sci., Osaka  
Univ  
1-1 Machikaneyama-cho  
Toyonaka 560-0043  
Japan  
☎ 81 6850 5485  
① 81 5850 5504  
✉ misao@vega.ess.sci.osaka-u.ac.jp

**Sasaki Shin**

Physics Dpt  
Tokyo Metropol Univ  
1-1 Minami Ohsawa  
Hachioji Tokyo 192 03  
Japan  
☎ 81 426 77 111\*3346  
① 81 426 77 2483  
✉ sasaki@phys.metro-u.ac.jp

**Sasaki Toshiyuki**

Subaru Telescope  
650 N. A'Ohoku Pl  
Hilo HI 96720  
USA  
☎ 1 808 914 7788  
① 1 808 334 5099  
✉ sasaki@naoj.org

**Sasao Tetsuo**

Intl Latitude Observ  
NAOJ  
Hoshigaoka Mizusawa Shi  
Iwate 023  
Japan  
☎ 81 197 24 7111  
① 81 197 22 7120

**Saslaw William C**

Univ Station  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
0818  
USA  
☎ 1 804 924 7494  
① 1 804 924 3404

**Sasselov Dimitar D**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7451  
① 1 617 495 7049  
✉ sasselov@cfa.harvard.edu

**Sastri Hanumath J**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585  
① 91 80 553 4043

**Sastry Ch V**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585  
① 91 80 553 4043

**Sastry Shankara K**

Astronomy Dpt  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 040 701 7306  
① 91 040 701 9020  
✉ kss@ouastr.ernet.in

**Sato Fumio**

Dpt Astron/Earth Sci  
Tokyo Gakugei Univ  
Koganei  
Tokyo 184 8501  
Japan  
☎ 81 423 29 7528  
① 81 423 29 7538  
✉ satofm@u-gakugei.ac.jp

**Sato Humitaka**

Physics Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 53 7008  
① 81 757 53 7010

**Sato Isao**

Watanabe Research  
Development  
401 Sunrize Akimoto Bldg  
2 8 17 Kyomancho,  
Musashino  
Tokyo 180 0023  
Japan  
☎ 81 903 963 1359  
① 81 422 341 502  
✉ isao@dodgson.nal.go.jp

**Sato Katsuhiko**

Physics Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 381 22 111\*4207  
① 81 356 89 0465  
✉ sato@phys.s.u-tokyo.ac.jp

**Sato Koichi**

NAOJ  
2 21 1 Osawa, Mitaka-shi  
Tokyo 181-8588  
Japan  
☎ 81 422 34 3812  
① 81 422 34 3812  
✉ koichi@optik.mtk.nao.ac.jp

**Sato Massae**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
① 55 11 276 3848

**Sato Naonobu**

6-39 Sugaba  
Akita 010-0821  
Japan  
☎ 81 188 33 5261

**Sato Shinji**

Astrophysics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 527 89 2953  
① 81 527 89 2919  
✉ sato@toyo.phys.nagoya-u.ac.jp

**Sato Shuji**

Dpt Astrophysics  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 52 785 111 \*6672  
① 81 52 782 9526

**Sattarov Isroil**

Astronomicheskaya ul.33  
700052 Tashkent  
Uzbekistan  
✉ isattar@astrin.uzsci.net

**Sault Robert**

ATNF  
Box 76  
Epping NSW 1710  
Australia  
☎ 61 2 9372 4315  
① 61 2 9372 4310  
✉ rsault@atnf.csiro.au

**Saunders Richard D E**

MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 274  
① 44 12 23 354 599

**Sauty Christophe**

Observ  
DAEC  
PI J Janssen  
F 92190 Meudon Pl Cdx  
France  
☎ 33 1 45 07 7533  
① 33 1 45 07 7123  
✉ Christophe.Sauty@obspm.fr

**Sauval A Jacques**

Observ  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0203  
① 32 2 374 9822  
✉ Jacques.Sauval@oma.be

**Savage Ann**

Hollyfarm Binnaway Rd  
Coonabarabran NSW 2357  
Australia  
☎ 61 2 8642 2685

**Savage Blair D**

Astronomy Dpt  
Univ Wisconsin  
475 N Charter St  
Madison WI 53706 1582  
USA  
☎ 1 608 262 3072  
① 1 608 263 0361  
✉ savage@madraf.astro.wisc.edu



**Savanov Igor S**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71113  
☎ 380 6554 40704  
✉ savanov@crao.crimea.ua

**Savedoff Malcolm P**

Dpt Phys/Astronomy  
Univ Rochester  
Bausch & Lomb Bldg  
Rochester NY 14627 0171  
USA  
☎ 1 716 275 3089  
☎ 1 716 275 4351  
✉ mpsa@pas.rochester.edu

**Saverio Delli Santi**

Dpt Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 334  
☎ 39 051 259 407  
✉ dellisanti@astbo3.bo.astro.it

**Savonije Gerrit Jan**

Astron Inst  
Univ Amsterdam  
Kruislaan 403  
NL 1098 SJ Amsterdam  
Netherlands  
☎ 31 20 525 7497/7491  
☎ 31 20 525 7484  
✉ gertjan@astro.uva.nl

**Sawa Takeyasu**

Dpt Phys/Astronomy  
Aichi Univ Education  
Hirosawa 1, Igaya-cho  
Kariya 448 - 8542  
Japan  
☎ 81 566 26 2624  
☎ 81 566 26 2624  
✉ tsawa@aeucc.aichi-edu.ac.jp

**Sawant Hanumant S**

INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 22 9977  
☎ 55 123 21 8743

**Sawyer Constance B**

850 20th St 705  
Boulder CO 80302  
USA  
✉ sawyer@stripe.colorado.edu

**Saxena A K**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585/6497  
☎ 91 80 553 4043

**Saxena P P**

Dpt Maths/Astronomy  
Univ Lucknow  
Lucknow  
India  
☎ 91 522 330 065  
✉ lkuniv@sirnetd.ernet.in

**Saygac A Talat**

Univ Observ  
Univ Istanbul  
Univ 34452  
34452 Istanbul  
Turkey  
☎ 90 212 522 3597  
☎ 90 212 519 0834

**Sazhin Michail**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 5006  
☎ 7 095 939 0126  
✉ snn@sai.msk.su

**Sbirkova-Natcheva T**

Ntl Astron Observ  
Bulgarian Acad Sci  
Box 136  
BG 4700 Smoljan  
Bulgaria  
☎ 359 3 02 2953  
☎ 359 3 02 1356  
✉ planet@sm.unacs.bg

**Scalise Jr Eugenio**

INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 45 6814  
☎ 55 123 45 6822  
✉ scalise@das.inpe.br

**Scalo John Michael**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 4461  
☎ 1 512 471 6016

**Scaltriti Franco**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9000  
☎ 39 011 461 9030

**Scappini Flavio**

Istt Spectroscop Mol  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 8510  
☎ 39 051 639 8540  
✉ scappini@ira.bo.cnr.it

**Scardia Marco**

Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
☎ 39 09 908 492

**Scarfe Colin D**

Dpt Phys/Astronomy  
Univ Victoria  
Box 3055  
Victoria BC V8W 3P6  
Canada  
☎ 1 250 721 7740  
☎ 1 250 721 7715  
✉ scarfe@uvphys.phys.uvic.ca

**Scargle Jeffrey D**

NASA ARC  
MS 245 3  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 694 6330  
☎ 1 415 604 6779

**Scarrott Stanley M**

Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 000  
☎ 44 19 13 743 749

**Schaal Ricardo E**

CRAAE INPE  
EPUSP/PTR  
CP 61548  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 815 6289  
☎ 55 11 815 4272  
✉ ecorreia@brusp.ansp.br

**Schaefer Gerhard**

Max Planck Gesellscaft  
AG Gravitationstheorie  
Max Wien Platz 1  
D 07745 Jena  
Germany  
☎ 49 364 163 6643  
☎ 49 364 163 6728

**Schaerer Daniel**

OMP  
14 Av E Berlin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2929  
☎ 33 5 61 33 2840  
✉ schaeerer@obs-mip.fr

**Schäfers Karl**  
Steinbachweg 37  
D 69000 Heidelberg  
Germany  
☎ 49 622 180 1511

**Schaller Gerard**  
Trivadis  
1 chemin du Champ des  
Noyers  
CH 1212 Grandy-Lancy  
Switzerland  
☎ 41 22 794 08 28  
☎ 41 22 794 09 29  
✉ Gerard.schaller@  
trivadis.com

**Schanda Erwin**  
Buendackerstr 108  
CH 3047 Bremgarten BE  
Switzerland  
☎ 41 31 658 910

**Scharmer Goeran Bjarne**  
Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 717 0195  
☎ 46 8 717 4719  
✉ scharmer@astro.su.se

**Schatten Kenneth H**  
NASA GSFC  
Code 925  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3831  
☎ 1 301 286 1757  
✉ schatten@gsc.nasa.gov

**Schatzman Evry**  
Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7873  
☎ 33 1 45 07 7878  
✉ Evry.Schatzman@  
obspm.fr

**Schechter Paul L**  
Physics Dpt  
MIT Rm 6 206  
77 Massachusetts Ave  
Cambridge MA 02139 4307  
USA  
☎ 1 617 253 0690  
☎ 1 617 253 9798  
✉ schech@achernar.mit.edu

**Scheepmaker Anton**  
MKB TNO  
Box 6003  
NL 2600 JA Delft  
Netherlands

**Scheffler Helmut**  
Am Leimbach  
D 69226 Nussloch  
Germany

**Scheidecker Jean-Paul**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3012  
☎ 33 4 92 00 3033  
✉ scheidecker@obs-azur.fr

**Scherb Frank**  
Physics Dpt  
Univ Wisconsin  
1150 Univ Av  
Madison WI 53706  
USA  
☎ 1 608 262 6879  
☎ 1 608 262 3077

**Scherrer Philip H**  
HEPL  
455 Via Palou  
Annex B211  
Stanford CA 94305 4085  
USA  
☎ 1 650 723 1504  
☎ 1 650 725 2333  
✉ pscherrer@stanford.edu

**Scheuer Peter A G**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 307  
☎ 44 12 23 354 599  
✉ pages@mrao.cam.ac.uk

**Schilbach Elena**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9335  
☎ 49 331 749 9352  
✉ eschilbach@aip.de

**Schild Hansruedi**  
Inst Astronomie  
ETH Zentrum  
CH 8092 Zurich  
Switzerland  
☎ 41 1 632 3633  
☎ 41 1 632 1205  
✉ hschild@  
astro.phys.ethz.ch

**Schild Rudolph E**  
Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7426  
☎ 1 617 495 7356

**Schildknecht Thomas**  
Astron Inst  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 631 8591  
☎ 41 31 631 3869  
✉ Schildknecht@  
aiub.unibe.ch

**Schilizzi Richard T**  
NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
☎ 31 521 59 7332  
✉ rts@nfra.nl

**Schillak Stanislaw**  
Space Research Centre, PAS  
Astrogeodynamic Obs  
Borowiec  
Borowiec ul. Drapalka 4  
PL 62035 Kornik  
Poland  
☎ 48 61 8170 187  
☎ 48 61 8170 219  
✉ sch@cbk.poznan.pl

**Schiller Stephen**  
Physics Dpt  
South Dakota State Univ  
Box 2219 Room 310b  
Brookings SD 57007  
USA  
☎ 1 605 688 4293

**Schindler Karl**  
Inst Theor Physik  
Ruhr Univ Bochum  
Postfach 102148  
D 44780 Bochum  
Germany  
☎ 49 234 700 3454  
☎ 49 234 709 4169

**Schindler Sabine**  
Liverpool John Moores Univ  
Egerton Wharf  
Twelve Quays House  
Birkenhead L41 1LD  
UK  
☎ 44 15 12 312 910  
☎ 44 15 12 312 475  
✉ sas@staru1.livjm.ac.uk

**Schlegel Eric Matthew**  
Cfa  
HCO/SAO MS 4  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7086  
☎ 1 617 495 7356  
✉ eschlegel@  
cfa.harvard.edu

**Schleicher David G**  
Lowell Observ  
1400 W Mars Hill Rd  
Box 1149  
Flagstaff AZ 86001  
USA  
☎ 1 520 774 3358  
☎ 1 520 774 6296

**Schleicher Helmold**  
Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 319 8226  
☎ 49 761 319 8111  
✉ schleicher@  
kis.uni-freiburg.de

**Schlesinger Barry M**

Hughes STX Corp  
7701 Greenbelt Rd  
Suite 400  
Greenbelt MD 20770  
USA  
☎ 1 301 286 1069  
✉ bschlesinger@  
nssdca.gsfc.nasa.gov

**Schlickeiser Reinhard**

Inst Theor Physik  
Ruhr Univ Bochum  
D 44780 Bochum  
Germany  
☎ 49 234 709 4169  
✉ schlickeiser@  
astro.ruhr-uni-bochum.de

**Schloerb F Peter**

Dpt Phys/Astronomy  
Univ Massachusetts  
GRC  
Amherst MA 01003  
USA  
☎ 1 413 545 4303

**Schlusser Wolfhard**

Astronomisches Inst  
Ruhr Univ Bochum  
Postfach 102148  
D 44780 Bochum  
Germany  
☎ 49 234 700 3454  
☎ 49 234 709 4169

**Schlueter A**

MPI Plasmaphysik  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 347  
☎ 49 893 299 3235

**Schlueter Dieter**

Inst Theor Phys/  
Sternwarte Univ Kiel  
Olshausenstr 40  
D 24098 Kiel  
Germany  
☎ 49 431 880 4109  
☎ 49 431 880 4432

**Schmadel Lutz D**

ARI  
Moenchhstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 50  
☎ 49 622 140 5297  
✉ s21@  
ix.urz.uni-heidelberg.de

**Schmahl Edward J**

Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 454 6074  
☎ 1 301 314 9067

**Schmalberger Donald C**

The Albany Academy  
Academy Rd  
Albany NY 12208  
USA  
☎ 1 518 465 1461

**Schmalzing Jens**

Teoretisk Astrysik Center  
Copenhagen Univ  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 49 353 25900  
☎ 45 45 353 25910  
✉ jens@tac.dk

**Schmeidler F**

Univ Sternwarte  
Mauerkircherstr 17  
Scheinerstr. 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6001

**Schmelz Joan T**

NASA GSFC  
SMM XMP  
Greenbelt MD 20771  
USA  
☎ 1 301 220 4164  
☎ 1 301 220 4171

**Schmid Hans Martin**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9222  
☎ 49 622 150 9202  
✉ hschmid@  
lsw.uni-heideberg.de

**Schmid-Burgk J**

MPIfR  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 271  
☎ 49 228 525 229  
✉ schmid-burgk@  
mpifr-bonn.mpg.de

**Schmidt Brian P**

MSSO  
Private Bag  
Weston Creek P O  
Canberra ACT 2611  
Australia  
☎ 61 2 6279 8042  
☎ 61 2 6249 0233  
✉ brian@mso.anu.edu.au

**Schmidt Edward G**

Dpt Phys/Astronomy  
Univ Nebraska  
Behlen Observatory  
Lincoln NE 68588 0111  
USA  
☎ 1 402 472 2788  
☎ 1 402 472 2879  
✉ eschmidt@  
unlinfo.unl.edu

**Schmidt H U**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 9413/4  
☎ 49 893 299 3235

**Schmidt Hans**

Wachsbleiche 5  
D 53111 Bonn  
Germany

**Schmidt K H**

Zntrlinst Astrophysik  
Sternwarte Babelsberg  
An der Sternwarte 16  
D 14473 Potsdam  
Germany  
☎ 49 331 762225  
✉ khschmidt@aip.de

**Schmidt Maarten**

CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 626 395 4204  
☎ 1 626 568 9352  
✉ mxs@deimos.caltech.edu

**Schmidt Wolfgang**

Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 319 8162  
☎ 49 761 3198 111  
✉ wolfgang@  
kis.uni-freiburg.de

**Schmidt-Kaler Theodor**

Georg Buechner Str 37  
D 97176 Margetschoechheim  
Germany  
☎ 49 931 467 5970

**Schmidtke Paul C**

Physics Dpt  
Arizona State Univ  
Astronomy Program  
Tempe AZ 85287 1504  
USA  
☎ 1 480 965 2918  
☎ 1 480 965 7954  
✉ Paul.Schmidtke@asu.edu

**Schmieder Brigitte**

Observ  
DASOP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7817  
☎ 33 1 45 07 7959  
✉ schmieder@obspm.fr

**Schmitt Dieter**

Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany  
☎ 49 551 395 046  
☎ 49 551 395 043

**Schmitt Henrique R**  
 NRAO  
 P.O. Box 0  
 Socorro NM 87801  
 USA  
 ☎ 1 505 835 7241  
 ☎ 1 505 835 7027  
 ✉ hschmitt@aoc.nrao.edu

**Schmitt Juergen H M M**  
 Hamburger Sternwarte  
 Gojenbergsweg 112  
 D 21025 Hamburg  
 Germany  
 ☎ 49 40 4289 14131  
 ☎ 49 40 4289 14158  
 ✉ jschmitt@  
 us.uni-hamburg.de

**Schmitter Edward F**  
 Physics Dpt  
 Univ Lagos  
 Akoka  
 Lagos PMB 1004  
 Nigeria  
 ☎ 234 1 83 7864

**Schmitz Marion**  
 CALTECH  
 MS 100-22  
 Pasadena CA 91125  
 USA  
 ☎ 1 626 397 9594  
 ☎ 1 626 397 9600  
 ✉ mschmitz@  
 ipac.caltech.edu

**Schmutz Werner**  
 Dorfstrasse 33  
 CH 7260 Davos Dorf  
 Switzerland  
 ☎ 41 81 417 5111  
 ☎ 41 81 417 5100  
 ✉ w.schmutz@pmodwrc.ch

**Schneider Donald P**  
 Astronomy Dpt  
 Pennsylvania State Univ  
 525 Davey Lab  
 University Park PA 16802  
 USA  
 ☎ 1 814 863 9554  
 ☎ 1 814 863 3399  
 ✉ dps@astro.psu.edu

**Schneider Glenn H**  
 Steward Observ  
 Univ Arizona  
 Tucson AZ 85721  
 USA  
 ☎ 1 520 621 5865  
 ☎ 1 520 621 1891  
 ✉ gschneider@  
 as.arizona.edu

**Schneider Jean**  
 Observ  
 DARC  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7430  
 ☎ 33 1 45 07 7971  
 ✉ schneider@obspm.fr

**Schneider Nicholas M**  
 LASP  
 Univ Colorado  
 Campus Box 392  
 Boulder CO 80309 0392  
 USA  
 ☎ 1 303 492 7672  
 ☎ 1 303 492 6946  
 ✉ nick@pele.colorado.edu

**Schneider Peter**  
 IAEF  
 Auf dem Huegel 71  
 D 53121 Bonn  
 Germany  
 ☎ 49 228 73 3672

**Schnell Anneliese**  
 Inst Astronomie  
 Univ Wien  
 Tuerkenschanzstr 17  
 A 1180 Wien  
 Austria  
 ☎ 43 1 427 751 825  
 ☎ 43 1 427 795 18  
 ✉ schnell@astro.unvie.ac.at

**Schneps Matthew H**  
 CfA  
 HCO/SAO  
 60 Garden St  
 Cambridge MA 02138 1516  
 USA  
 ☎ 1 617 495 7472  
 ☎ 1 617 495 7356

**Schnopper Herbert W**  
 CfA  
 HCO/SAO  
 60 Garden St  
 Cambridge MA 02138 1516  
 USA  
 ☎ 1 617 496 7763  
 ☎ 1 617 496 7577  
 ✉ hschnopper@  
 cfa.harvard.edu

**Schober Hans J**  
 Inst Astronomie  
 Karl-Franzens-Univ  
 Universitaetsplatz 5  
 A 8010 Graz  
 Austria  
 ☎ 43 316 380 5273  
 ☎ 43 316 384 091

**Schoeffel Eberhard F**  
 Merianerstr 42  
 D 8600 Bamberg  
 Germany

**Schoenberger Detlef**  
 Astrophysik Inst  
 Potsdam Univ  
 An der Sternwarte 16  
 D 14482 Potsdam  
 Germany  
 ☎ 49 331 749 9395  
 ☎ 49 331 749 9526  
 ✉ DeSchoenberger@aip.de

**Schoeneich W**  
 Zentrinst Astrophysik  
 Sternwarte Babelsberg  
 An der Sternwarte 16  
 D 14473 Potsdam  
 Germany  
 ☎ 49 331 762 225

**Schoenfelder Volker**  
 MPE  
 Postfach 1603  
 D 85740 Garching  
 Germany  
 ☎ 49 893 299 578  
 ☎ 49 893 299 3569

**Scholl Hans**  
 OCA  
 Observ Nice  
 BP 4229  
 F 06304 Nice Cdx 4  
 France  
 ☎ 33 4 92 00 3041  
 ☎ 33 4 92 00 3033  
 ✉ scholl@obs-nice.fr

**Scholz Gerhard**  
 AIP  
 SOE  
 Telegrafenberg  
 D 14473 Potsdam  
 Germany  
 ☎ 49 331 288 2309  
 ☎ 49 331 288 2310  
 ✉ gscholz@aip.fr

**Scholz M**  
 Inst Theor Astrophysik  
 d Univ  
 Tiergartenstr 15  
 D 69121 Heidelberg  
 Germany  
 ☎ 49 622 154 4837  
 ☎ 49 622 154 4221  
 ✉ b15@  
 rw.iwe.uni-heidelberg.de

**Scholz Ralf Dieter**  
 Astrophysik Inst  
 Potsdam Univ  
 An der Sternwarte 16  
 D 14482 Potsdam  
 Germany  
 ☎ 49 331 749 9336  
 ☎ 49 331 749 9309  
 ✉ rdscholz@aip.de

**Schoolman Stephen A**  
 Lockheed Palo Alto Res Lb  
 Dpt 91 20 Bg 255  
 3251 Hanover St  
 Palo Alto CA 94304 1191  
 USA  
 ☎ 1 415 858 4074  
 ☎ 1 415 424 3994

**Schramm Thomas**  
 Hamburger Sternwarte  
 Univ Hamburg  
 Gojenbergsweg 112  
 D 21029 Hamburg  
 Germany  
 ☎ 49 407 252 4126  
 ☎ 49 407 252 4198  
 ✉ tschramm@  
 hs.uni-hamburg.de

**Schreiber Roman**  
 NCAC  
 Polish Acad Sciences  
 Ul Rabianska 8  
 PL 87 100 Torun  
 Poland  
 ☎ 48 56 621 9319  
 ☎ 48 56 621 9381  
 ✉ schreibe@ncac.torun.pl

**Schreier Ethan J**  
STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4740  
☎ 1 410 338 2519  
✉ schreier@stsci.edu

**Schrijver C J**  
Lockheed Palo Alto Res Lab  
Dpt . H1 - 12, Building 252  
3251 Hanover Street  
Palo Alto CA 94304-1191  
USA  
☎ 1 415 424 2907  
☎ 1 415 424 3994  
✉ schrijver@  
canopy.lmsal.com

**Schrijver Johannes**  
SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5728  
☎ 31 30 254 0860  
✉ hanss@sron.nl

**Schroeder Daniel J**  
Dpt Phys/Astronomy  
Beloit College  
Beloit WI 53511  
USA  
☎ 1 608 365 3391

**Schroeder Klaus Peter**  
Astronomy Centre  
Univ Sussex  
Falmer  
Brighton BN1 9QJ  
UK  
✉ kps@sussex.ac.uk

**Schroeder Rolf**  
DESY  
Mooerckenweg 37  
D 21029 Hamburg  
Germany  
☎ 49 407 244 650  
☎ 49 40 8998 4303  
✉ r.schr@t-online.de

**Schroeter Egon H**  
Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 328 64  
☎ 49 761 319 8111

**Schroll Alfred**  
Sonnenobservatorium  
Kanzelhoehe  
A 9521 Treffen  
Austria  
☎ 43 424 82717

**Schrufer Eberhard**  
IAEF  
Univ Bonn  
auf d Huegel 71  
D 53121 Bonn  
Germany  
☎ 49 228 73 3390  
☎ 49 228 73 3672

**Schubart Joachim**  
ARI  
Moenchstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 5153  
☎ 49 622 140 5297  
✉ s24@aixterm1.  
urz.uni-heidelberg.de

**Schuch Nelson Jorge**  
Observ  
UFSC/ctro Tecnologia  
Cidade Universitaria  
97100 Santa Maria RS  
Brazil  
☎ 55 552 26 1616

**Schucking Engelbert L**  
Physics Dpt  
New York Univ  
4 Washington Place  
New York NY 10003  
USA  
☎ 1 212 553 7522  
☎ 1 212 553 7522  
✉ els1@is8.nyu.edu

**Schuecker Peter**  
MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 3569

**Schuessler Manfred**  
MPI Aeronomie  
Max-Planck Str 2  
Postfach 20  
D 37189 Katlenburg Lindau  
Germany  
☎ 49 5556 979 469  
☎ 49 5556 979 240  
✉ schuessler@  
linmpi.mpg.de

**Schuler Walter**  
Sonnenrain 15  
CH 4533 Riedholz  
Switzerland  
☎ 41 65 232 055

**Schulte D H**  
ITEK Corp  
10 Maguire Rd  
Lexington MA 02173  
USA  
☎ 1 617 276 2532

**Schulte-Ladbeck Regina E**  
Dpt Phys/Astronomy  
Univ Pittsburgh  
3941 O'Hara St  
Pittsburgh PA 15260  
USA  
☎ 1 412 624 9013  
☎ 1 412 624 1833  
✉ rsl@vms.cis.pitt.edu

**Schultz Alfred Bernard**  
STSci/CSC  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 5044  
☎ 1 410 338 4767  
✉ schultz@stsci.edu

**Schultz G V**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 291  
☎ 49 228 525 229

**Schulz Hartmut**  
Astronomisches Inst  
Ruhr Univ Bochum  
Postfach 102148  
D 44780 Bochum  
Germany  
☎ 49 234 700 3477  
☎ 49 234 709 4169  
✉ hschulz@  
astro.ruhr-uni-bochum.de

**Schulz Rita M**  
ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 4821  
☎ 31 71 565 4697  
✉ rschulz@estec.esa.nl

**Schulz Rolf Andreas**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 232  
☎ 49 228 525 229

**Schumacher Gerard**  
OCA  
Observ Calern/Caussols  
2130 r Observatoire  
F 06460 S Vallier Thiey  
France  
☎ 33 4 93 42 6270

**Schumann Joerg Dieter**  
Observ  
Univ Sternwarte Bonn  
D 54550 Daun  
Germany  
☎ 49 65 92 2937  
☎ 49 65 92 9851 40

**Schuster William John**  
Observ  
UNAM  
Apt 877  
Ensenada BC 22800  
Mexico  
☎ 52 6 174 4580  
☎ 52 6 174 4607  
✉ schuster@  
bufadora.astrsen.unam.mx

**Schutte Willem Albert**  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5944  
📠 31 71 5275 819  
✉ schutte@leidenuniv.nl

**Schutz Bernard F**  
MPI Gravitational Physik  
Haus d Wirtschaft  
Schlaatzweg 1  
D 14473 Potsdam  
Germany

**Schutz Bob Ewald**  
CSR  
Univ Texas  
Austin TX 78759  
USA  
☎ 1 512 471 1356  
📠 1 512 471 3570

**Schwan Heiner**  
ARI  
Moenchhstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 6221 405 118  
📠 49 6221 405 297  
✉ schwan@  
ari.uni-heidelberg.de

**Schwartz Daniel A**  
Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7232  
📠 1 617 495 7356  
✉ das@cfa.harvard.edu

**Schwartz Philip R**  
NRL  
Code 4138  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 3391

**Schwartz Richard D**  
Physics Dpt  
Univ Missouri  
8001 Natural Bridge Rd  
St Louis MO 63121  
USA  
☎ 1 314 553 5025  
📠 1 314 516 6152

**Schwartz Rolf**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 303  
📠 49 228 525 229

**Schwartz Steven Jay**  
Astronomy Unit  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 975 5454  
📠 44 181 981 9587

**Schwarz Hugo E**  
Nordic Optical Telescope  
Apt 474  
Santa Cruz de La Palma  
E 38700 Santa Cruz  
Spain  
☎ 34 2 240 5500  
📠 34 2 240 5646/405 501  
✉ hschwarz@not.iac.es

**Schwarz Ulrich J**  
Hobbemastr 14  
NL 6814 KS Arnhem  
Netherlands

**Schwarzenberg-Czerny A**  
Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
📠 48 22 29 4967  
✉ czerny@camk.edu.pl

**Schwehm Gerhard**  
ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 6555  
📠 31 71 565 4690

**Schweizer Francois**  
Carnegie Observ  
813 Santa Barbara St  
Pasadena Ca 91101 1292  
USA  
☎ 1 626 304 0254  
📠 1 626 795 8136  
✉ schweizer@ociw.edu

**Schwekendiek Peter**  
ARI  
Moenchhstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 6221 405 128  
📠 49 6221 405 297  
✉ Schwekendiek@  
ari.uni-heidelberg.de

**Schoepe Axel**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9232  
📠 49 331 749 9309  
✉ aschoepe@aip.de

**Sciortino Salvatore**  
Osserv Astronomico  
Univ d Palermo  
Piazza Parlamento 1  
I 90134 Palermo  
Italy  
☎ 39 09 165 70451  
📠 39 09 148 8900

**Sconzo Pasquale**  
29 Old Mystic St  
Arlington MA 02174  
USA  
☎ 1 617 646 9315

**Scorza de Appl Cecilia**  
Brunnengasse 18  
D 69117 Heidelberg  
Germany  
☎ 49 6221 21681  
📠 49 6221 509202  
✉ cscorza@  
lsw.uni-heidelberg.de

**Scott Douglas**  
Dpt Phys/Astronomy  
UBC  
2219 Main Mall  
Vancouver BC V6T 1Z4  
Canada  
☎ 1 604 822 2802  
📠 1 604 822 6047  
✉ dscott@astro.ubc.ca

**Scott Eugene Howard**  
NASA GSFC  
Code 684 9  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8746

**Scott John S**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 2288  
📠 1 520 621 1532

**Scott Paul F**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 294  
📠 44 12 23 354 599

**Scoville Nicholas Z**  
CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 818 356 4979  
📠 1 818 568 9352

**Scrimger J Norman**  
Astronomy Dpt  
St Mary's Univ  
Halifax NS B3H 3C3  
Canada  
☎ 1 902 420 5633  
📠 1 902 420 5561

**Scuderi Salvatore**  
Osserv Astris di Catania  
Viale Andrea Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2255  
📠 39 095 330 592  
✉ scuderi@ct.astro.it

**Scuflaire Richard**  
Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7530  
📠 32 4 254 7511  
✉ r.scuflaire@ulg.ac.be

**Sequist Ernest R**

Astronomy Dpt  
Univ Toronto  
60 St George St  
Toronto ON M5S 1A1  
Canada  
☎ 1 416 978 3146  
☎ 1 416 978 3921  
✉ seaquist@astro.utoronto.ca

**Searle Leonard**

Carnegie Observ  
813 Santa Barbara St  
Pasadena CA 91101 1292  
USA  
☎ 1 818 577 1122  
☎ 1 818 795 8136

**Sears Richard Langley**

Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 313 763 3295  
☎ 1 313 764 2211

**Seaton Michael J**

Chatsworth  
Bwlch  
Powys LD3 7RQ  
UK  
☎ 44 1874 730 652  
✉ mjs@star.ucl.ac.uk

**Secco Luigi**

Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
☎ 39 049 827 7102

**Sedlmayer Erwin**

Inst Astron/Astrofysik  
Technische Uni  
Hardenbergstr 36  
D 10623 Berlin  
Germany  
☎ 49 303 142 3783  
☎ 49 303 142 3018

**Sedmak Giorgio**

Dpt Astronomia  
Univ d Trieste  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 794 863  
☎ 39 040 309 418

**Sedrastian David**

Ntl Acad Sci  
Bagramian Yerevan  
375049 Yerevan  
Armenia  
☎ 374 88 52 52 7051

**Seeds Michael August**

Astronomy Program  
Franklin/Marshall College  
Lancaster PA 17604 3003  
USA  
☎ 1 717 291 3800  
☎ 1 717 291 4143  
✉ m\_seeds@fandm.edu

**Seeger Charles Louis III**

San Francisco State Univ  
473 James Rd  
Palo Alto CA 94306  
USA  
☎ 1 415 493 6005

**Seeger Philip A**

LANL  
MS H805  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 8843  
☎ 1 505 665 4055

**Segaluvitz Alexander**

Box 659  
Kefar Sava  
Israel

**Segan Steve**

Astronomy Dpt  
Univ Belgrade  
Studentski Trg 16  
11000 Beograd  
Yugoslavia FR  
☎ 381 1 163 8715  
☎ 381 1 163 0151  
✉ ssegan@matf.bg.ac.yu

**Seggewiss Wilhelm**

Observ  
Univ Sternwarte Bonn  
D 54550 Daun  
Germany  
☎ 49 65 92 2150  
☎ 49 65 92 9851 40  
✉ seggewis@astro.uni-bonn.de

**Sehnal Ladislav**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7113  
☎ 420 288 1611  
✉ isehnal@asu.cas.cz

**Seidelmann P Kenneth**

USNO  
129 Fontana Ct  
Charlottesville VA 22911  
3531  
USA  
☎ 1 804 243 55647  
☎ 1 804 924 3104  
✉ pks6n@virginia.edu

**Seiden Philip E**

IBM  
T J Watson Res Ctr  
Box 218  
Yorktown Heights NY 10598  
USA  
☎ 1 914 945 1424

**Seidov Zakir F**

Physics Dept  
Ben-Gurion Univ  
PO Box 653  
Beer-Sheva 84105  
Israel  
☎ 972 7 646 1173  
✉ seidov@bgumail.bgu.ac.il

**Seielstad George A**

UND Aeospace  
Box 9007  
Grand Forks ND 58202  
USA  
✉ landei@acro.und.nodak.edu

**Seifert Walter**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9232  
☎ 49 622 150 9202  
✉ wseifert@lsw.uni-heidelberg.de

**Siemenis John**

Mathematics Dpt  
Univ The Aegean  
GR 83200 Samos  
Greece  
☎ 30 1 6492 120  
☎ 30 1 6492 199  
✉ isei@iu.aegean.gr

**Sein-Echaluze M Luisa**

Dpt Mat Aplicada  
Univ Zaragoza  
E 50009 Zaragoza  
Spain  
☎ 34 7 676 1000  
☎ 34 7 676 1140

**Seiradakis John Hugh**

Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 8173  
☎ 30 31 99 5384  
✉ jhs@astro.auth.gr

**Seitter Waltraut C**

Astronomisches Inst  
Univ Muenster  
Wilhelm Klemm Str 10  
D 48149 Muenster  
Germany  
☎ 49 251 833 561  
☎ 49 251 833 669  
✉ waltraut@cygnus.uni-muenster.de

**Sekanina Zdenek**

CALTECH/JPL  
MS 169 237  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 7589  
☎ 1 818 393 6030  
✉ zs@sek.jpl.nasa.gov

**Seki Munezo**

Geophys Inst  
Tohoku Univ  
Kawauchi  
Sendai 980 77  
Japan  
☎ 81 222 217 7757  
☎ 81 222 263 9279  
✉ seki@  
astroa.astr.tohku.ac.jp

**Sekiguchi Kazuhiro**

Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 934 5905  
☎ 1 808 934 5984  
✉ kaz@subaru.naoj.org

**Sekiguchi Maki**

Ntl Astron Observ  
2 21 1 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3643  
☎ 81 422 34 3776  
✉ osekigu@c1.mtk.nao.ac.jp

**Sekiguchi Naosuke**

Musashidai 3-16-8  
FUCHU  
Tokyo 183  
Japan

**Sekimoto Yutaro**

Nobeyama Radio Observ  
Nobeyama  
Minamimaki  
Nagano 384- 1305  
Japan  
☎ 81 267 98 4338  
☎ 81 267 98 4508  
✉ sekimoto@nro.nao.ac.jp

**Sellgren Kristen**

Astronomy Dpt  
Ohio State Univ  
Rm 5036 Smith Lab  
Columbus OH 43210  
USA  
☎ 1 614 282 1898  
☎ 1 614 292 2928  
✉ sellgren@  
payne.mps.ohio-state.edu

**Sellwood Jerry A**

Dpt Phys/Astronomy  
Rutgers Univ  
136 Frelinghuysen Rd  
Piscataway NJ 08855  
USA  
☎ 1 732 445 5287  
☎ 1 732 445 5287  
✉ sellwood@  
astro.rutgers.edu

**Selvelli Pierluigi**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9269  
☎ 39 040 30 9418

**Sembach Kenneth R**

Bloomberg Center  
Dpt Physics/Astronomy  
3400 N Charles St  
Baltimore MD 21218  
USA  
☎ 1 410 516 4756  
☎ 1 410 516 5494  
✉ sembach@jhu.edu

**Semel Meir**

Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7790  
☎ 33 1 45 07 7959  
✉ Meir.Semel@obspm.fr

**Semiuk Irena**

Astron Observ  
Warsaw Univ  
Al Ujazdowski 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
☎ 48 22 29 4697

**Semenzato Roberto**

Dpt Fisica G Galilei  
Univ d Padova  
Via Marzolo 8  
I 35131 Padova  
Italy  
☎ 39 049 84 4247  
☎ 39 049 84 4245

**Semkov Evgeni**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 71 44414  
☎ 359 2 75 8927  
✉ evgeni@wfpa.acad.bg  
✉ evgeni@skyarchive.org

**Sengbusch Kurt V**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 00  
☎ 49 893 299 3235

**Sequeiros Juan**

Dpt Fisica  
Univ Alcalá  
Apt 20  
E 28800 Alcalá d Henares  
Spain  
☎ 34 1 889 4940  
☎ 34 1 889 4953

**Serabyn Eugene**

CALTECH  
MS 320 47  
Pasadena CA 91125  
USA  
☎ 1 818 395 6664  
☎ 1 818 796 8806  
✉ serabyn@  
tacos.caltech.edu

**Sergeev Aleksandr V**

Centre AMEI Observ  
National Academy Sciences  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 2286  
☎ 380 44 266 2147  
✉ sergeev@mao.kiev.ua

**Sergeev Sergey G**

Crimean Astrophys Observ  
Naukove  
Bakhchisarai region  
Crimea 98409  
Ukraine  
☎ 380 6545 71269  
☎ 380 6545 40704  
✉ sergeev@crimea.ua

**Serio Salvatore**

Osserv Astronomico  
Univ d Palermo  
Piazza Parlamento 1  
I 90134 Palermo  
Italy  
☎ 39 09 159 2451  
☎ 39 09 148 8900

**Serrano Alfonso**

Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
☎ 52 5 616 0653  
✉ ping@inaoep.mx

**Servan Bernard**

Observ  
DASGAL  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2236  
☎ 33 1 40 51 2232

**Seshadri Sridhar**

IUCAA  
PO Box 4  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 20 35 1414  
☎ 91 20 35 0760  
✉ sridhar@iucaa.ernet.in

**Setti Giancarlo**

Istt Radioastronomia  
CNR  
Via P Gobetti 101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9365  
☎ 39 051 639 9431  
✉ setti@ira.bo.cnr.it

**Severino Giuseppe**

Osserv d Capodimonte  
Via Moiriello 16  
I 80131 Napoli  
Italy  
☎ 39 08 144 0101  
☎ 39 08 145 6710

**Sevilla Miguel J**



Inst Astron/Geodesia  
Fac Ciencias Matemat  
Univ Complutense  
E 28040 Madrid  
Spain  
☎ 34 1 244 2501  
📠 34 1 394 5195

**Seward Frederick D**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7282  
📠 1 617 495 7356  
✉ fds@cfa.harvard.edu

**Seymour P A H**  
112 Powisland Dr  
Plymouth PL6 6AF  
UK

**Sezer Cengiz**  
Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322

**Shaffer David B**  
1742 Saddleback Ct  
Henderson NV 89014  
USA  
☎ 1 702 451 5562  
📠 1 702 451 5562  
✉ dbs@  
bootes.gsfc.nasa.gov

**Shafter Allen W**  
Astronomy Dpt  
San Diego State Univ  
San Diego CA 92182  
USA  
☎ 1 617 594 6170  
📠 1 619 594 1413  
✉ shafter@proteus.sdsu.edu

**Shaham Jacob**  
Physics Dpt  
Columbia Univ  
538 W 120th St  
New York NY 10027  
USA  
☎ 1 212 280 3349

**Shahul Hameed Mohin**  
IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 0672\*76  
📠 91 80 553 4043  
✉ mohin@iiap.ernet.in

**Shakeshaft John R**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 294  
📠 44 12 23 354 599  
✉ jrs@phy-ravx.cam.ac.uk

**Shakhsbazian Romelia K**  
Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
📠 374 88 52 52 3640

**Shakhsbazyan Yurij L**  
Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
📠 374 88 52 52 3640

**Shakhov Boris A**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 0028  
📠 380 44 266 2147  
✉ shakhov@mao.kiev.ua

**Shakhovskaya Nadejda I**  
Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71164  
📠 380 6554 40704  
✉ nish@crao.crimea.ua

**Shakhovskoj Nikolay M**  
Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
📠 380 6554 40704  
✉ shakh@crao.crimea.ua

**Shakura Nicholaj I**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2858  
📠 7 095 939 0126

**Shalabiea Osama M A**  
Astron Dept  
Fac Science  
Cario Univ  
Giza  
Egypt  
☎ 20 2 567 6835  
📠 20 2 572 7556  
✉ osama@  
sci-astro.cairo.eun.eg

**Shallis Michael J**  
Astrophysics Dpt  
Univ Oxford  
South Parks Rd  
Oxford OX1 3RQ  
UK  
☎ 44 186 527 3999  
📠 44 186 527 3947

**Shaltout Mosalam A M**  
NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
📠 20 62 21 405 297

**Shandarin Sergei F**  
Dpt Physics / Astron  
Univ Kansas  
Lawrence KS 66045 2151  
USA  
☎ 1 785 864 4686  
📠 1 785 864 5262  
✉ sergei@  
kusmos.phsx.ukans.edu

**Shane William W**  
9095 Coker Rd  
Prunedale CA 93907  
USA

**Shanks Thomas**  
Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 171  
📠 44 19 13 743 749  
✉ tom.shanks@  
durham.ac.uk

**Shao Cheng-yuan**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7212  
📠 1 617 495 7356

**Shao Zhengyi**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618  
✉ zyshao@center.shao.ac.cn

**Shapero Donald C**  
Ntl Acad Sciences  
NRC  
2101 Constitution Av NW  
Washington DC 20418  
USA  
☎ 1 202 334 3520  
📠 1 202 334 3575  
✉ dshapero@nas.edu

**Shapiro Irwin I**  
CfA  
HCO/SAO Rm P 209  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7100  
📠 1 617 495 7356  
✉ shapiro@cfa.harvard.edu

**Shapiro Maurice M**  
205 Yoakum Parkway  
Alexandria VA 22304  
USA  
☎ 1 703 370 1985

**Shapiro Stuart L**  
CRSR  
Cornell Univ  
306 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 256 4936  
📠 1 607 255 9888

**Shapley Alan H**  
4840 Thunderbird Dr 186  
Boulder CO 80303 3829  
USA  
☎ 1 303 494 8026

**Shaposhnikov Vladimir E**  
Insttte Appl Physics RAS  
46 Ulyanov St  
603600 Nizhny Novgorod  
Russia  
☎ 7 831 238 4341  
📠 7 831 236 2061  
✉ sh130@appl.sci-nnov.ru

**Shapovalova Alla I**  
SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 784 6586  
📠 7 901 498 2931  
✉ ashap@sao.ru

**Shara Michael**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4743  
📠 1 410 338 4767

**Sharaf Mohamed Adel**  
Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
📠 20 2 572 7556

**Sharaf Sh G**  
Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
192187 St Petersburg  
Russia  
☎ 7 812 278 8898  
📠 7 812 272 7968

**Sharma A Surjalal**  
Astronomy Dpt  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 1528  
📠 1 301 405 9966  
✉ ssh@astro.umd.edu

**Sharma Dharma Pal**  
Box 5  
New Town TAS 7008  
Australia  
✉ sharma@  
physvax.phys.utas.edu.au

**Sharp Christopher**  
Dpt. Astronomy  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 9532  
📠 1 520 621 1532  
✉ csharp@as.arizona.edu

**Sharples Ray**  
Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 109  
📠 44 19 13 743 749  
✉ r.m.sharples@  
durham.ac.uk

**Sharpless Stewart**  
Dpt Phys/Astronomy  
Univ Rochester  
Rochester NY 14627 0171  
USA  
☎ 1 716 275 4389  
📠 1 716 275 4351

**Shastri Prajval**  
IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 553 4043  
📠 91 80 553 0672  
✉ pshastri@iiap.ernet.in

**Shaver Peter A**  
ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6233  
📠 49 893 200 6480  
✉ pshaver@eso.org

**Shaviv Giora**  
Physics Dpt  
IIT  
Technion City  
Haifa 32000  
Israel  
☎ 972 4 293 020  
📠 972 22 1680  
✉ gioras@  
physics.technion.ac.il

**Shaw James Scott**  
Dpt Phys/Astronomy  
Univ Georgia  
Athens GA 30602 2451  
USA  
☎ 1 706 542 2485  
📠 1 706 542 2492

**Shaw John H**  
Pressor Emeritus  
Dpt Physics 1150 Smith Lab  
174 W Eighteenth Av  
Columbus OH 43210  
USA  
☎ 1 614 292 0127

**Shawl Stephen J**  
Dpt Phys/Astronomy  
Univ Kansas  
Lawrence KS 66045  
USA  
☎ 1 913 864 4626  
📠 1 913 864 5262  
✉ Shawl@  
kuphsx.phsx.ukans.edu

**Shaya Edward J**  
NASA GSFC  
Mail Code 630  
Greenbelt MD 20771  
USA  
☎ 1 301 286 4232  
📠 1 301 286 1771  
✉ edward.j.shaya.1@  
gsfc.nasa.gov

**Shcheglov P V**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 139 1973  
📠 7 095 939 0126

**Shcherbina-Samojlova I**  
Inst Science/Tech  
125219 Moscow  
Russia  
☎ 7 095 155 4237

**Shchukina Nataliya**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 64762  
📠 380 4426 62147  
✉ shchukin@mao.kiev.ua

**Shea Margaret A**  
AFPL  
Space Physics Div  
Hanscom AFB  
Bedford MA 01731 3010  
USA

**Shearer Andrew**  
Physics Dpt  
Univ College  
Galway  
Ireland  
☎ 353 9 152 4411\*3114  
📠 353 9 152 5700  
✉ shearer@  
epona.physics.ucg.ie

**Sheeley Neil R**  
NRL  
Code 4172  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 2777

**Sheffer Eugene K**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2046  
📠 7 095 939 0126

**Sheffield Charles**

Earth Satellite Corp  
6011 Executive Blvd  
Suite 400  
Rockville MD 20852 3804  
USA  
☎ 1 301 231 0660  
☎ 1 301 231 5020  
✉ csheffie@earthsat.com

**Shefov Nicolai N**

Inst Phys Atmosph  
Acad Sciences  
Pyzhevsky 3  
109017 Moscow  
Russia

**Shelus Peter J**

Astronomy Dpt  
Univ Texas  
R1m 15 316  
Austin TX 78712 1083  
USA  
☎ 1 512 471 3339  
☎ 1 512 471 6916  
✉ pjs@astro.as.utexas.edu

**Shematovich Valery I**

Inst Theoret Astron  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 7375  
☎ 7 095 230 2081  
✉ shematov@inasan.rssi.ru

**Sheminova Valentina A**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 2663 110  
☎ 380 44 2662 147  
✉ shem@mao.kiev.ua

**Shen Benjamin S P**

Dpt Phys/Astronomy  
Univ Pennsylvania  
Philadelphia PA 19104 6396  
USA  
☎ 1 215 898 8141  
☎ 1 215 898 9336

**Shen Changjun**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
☎ 86 25 301 459

**Shen Chun-Shan**

Astron Sty China  
Ntl Tsing Hua Univ  
Hsin Chu 300043  
China R  
☎ 886 35 71 9039

**Shen Kaixian**

Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0422  
☎ 86 29 389 0196  
✉ shenkk@ms.sxso.ac.cn

**Shen Liangzhao**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6487 7288

**Shen Longxiang**

Beijing Astron Observ  
CAS  
W Suburb  
W Suburb  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6488 8704

**Shen Parnan**

Nanjing Astron  
Instrument Factory  
Box 846  
Nanjing  
China PR  
☎ 86 25 46191  
☎ 86 25 71 1256

**Sher David**

Box 12392  
Norwood OH 45212  
USA

**Sheridan K V**

17b/23 Thornton St  
Darling Point NSW 2027  
Australia

**Sherwood William A**

MPIfR  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 218  
☎ 49 228 525 229  
✉ wsherwood@  
mpifr-bonn.mpg.de

**Shetrone Matthew C**

McDonald Observ  
PO Box 1337  
Fort Davis TX 79734  
USA  
☎ 1 915 426 4168  
☎ 1 915 426 3641  
✉ shetrone@  
astro.as.utexas.edu

**Shevchenko Vladislav V**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2858  
☎ 7 095 939 0126

**Shevgaonkar R K**

Dpt Electric Engin  
IIT  
POWAI  
Bombay  
India  
☎ 91 22 578 2545\*2440  
☎ 91 22 578 3480

**Shi Guang-Chen**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 33921  
☎ 86 25 301 459

**Shi Shengcai**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 330 3738  
☎ 86 25 330 1459  
✉ shengcai@nro.nao.ac.jp

**Shibahashi Hiromoto**

Astronomy Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 338 12 2111\*4274  
☎ 81 338 13 9439  
✉ shibahashi@  
astron.s.u-tokyo.ac.jp

**Shibai Hiroshi**

Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 8602  
Japan  
☎ 81 527 89 2452  
☎ 81 527 89 2919  
✉ shibai@  
u.phys.nagoya-u.ac.jp

**Shibasaki Kiyoto**

Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan  
☎ 81 267 63 4300  
☎ 81 267 98 2884  
✉ shibasaki@nro.nao.ac.jp

**Shibata Katsunori M**

Ntl Astron Observ  
Osawa 2 21 1  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3750  
☎ 81 422 34 3649  
✉ shibata@  
hotaka.mtk.nao.ac.jp

**Shibata Kazunari**

Ntl Astron Observ  
Solar Physics Div  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3712  
☎ 81 422 34 3700  
✉ shibata@  
spot.mtk.nao.ac.jp

**Shibata Masaru**

Dpt Earth/Space Sci  
Osaka Univ  
Toyonaka  
Osaka 560  
Japan  
☎ 81 685 05 483  
📠 81 685 05 504  
✉ shibata@vega.ess.sci.osaka-u.ac.jp

**Shibata Shinpei**

Physics Dpt  
Yamagata Univ  
Kojirakawa  
Yamagata 990  
Japan  
☎ 81 236 31 1421

**Shibata Yukio**

Res Inst Scientific Meast  
Tohoku Univ  
Aramaki  
Sendai 980  
Japan  
☎ 81 206 543 2888

**Shibazaki Noriaki**

Physics Dpt  
Rikkyo Univ  
Nishi-Ikebukuro  
Tokyo 171  
Japan  
☎ 81 339 85 2389  
📠 81 359 92 3434  
✉ shibazak@rikkyo.ac.jp

**Shields Gregory A**

Astronomy Dpt  
Univ Texas  
Austin TX 78712  
USA  
☎ 1 512 471 1402  
📠 1 512 471 6016  
✉ shields@astro.as.texas.edu

**Shields Joseph C**

Dpt Phys/Astronomy  
Ohio Univ  
Clippinger Res Labs  
Athens OH 45701 2979  
USA  
☎ 1 740 593 0336  
📠 1 740 593 0433  
✉ shields@phy.ohiou.edu

**Shigeyama Toshikazu**

Astronomy Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 338 12 9224  
📠 81 338 13 9439  
✉ shigeyama@astron.s.u-tokyo.ac.jp

**Shimasaku Kazuhiro**

Astronomy Dpt  
Univ Tokyo  
Hongo 7-3-1, Bunkyo-ku  
Tokyo 113-0033  
Japan  
☎ 81 3 5841 4259  
📠 81 3 5841 7644  
✉ shimasaku@astron.s.u-tokyo.ac.jp

**Shimizu Mikio**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 51 3911  
📠 81 427 59 4253

**Shimizu Tsutomu Emer**

14-18-551 Futami-Cho  
Nishinomiya  
Hyohgo 663 8111  
Japan

**Shimmins Albert John**

5/36 Philipson St  
Albert Park  
Melbourne VIC 3206  
Australia  
☎ 61 3 9690 3803

**Shine Richard A**

Lockheed Palo Alto Res Lb  
Dpt 91 30 Bg 256  
3251 Hanover St  
Palo Alto CA 94304 1211  
USA  
☎ 1 415 858 4135  
📠 1 415 424 3994

**Shipman Harry L**

Physics Dpt  
Univ Delaware  
Newark DE 19716  
USA  
☎ 1 302 451 2986  
📠 1 302 831 1637

**Shiryayev Alexander A**

ASRI Techsat Project  
IIT  
Technion City  
Haifa 32000  
Israel  
☎ 972 4 292 398  
📠 972 4 230 956  
✉ astchsat@vmsa.technion.ac.il

**Shishov Vladimir I**

Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia  
☎ 7 095 135 2250  
📠 7 095 135 7880

**Shitov Yuri P**

Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia  
☎ 7 096 773 2649  
📠 7 095 135 7880  
✉ shitov@rasfian.serpukhov.ru

**Shivanandan Kandiah**

NRL  
Code 4138 S  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 2749  
📠 1 202 767 6473

**Shkodrov V G**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
📠 359 2 75 5019  
✉ shkodrov@eagle.cu.bas.bg

**Shkuratov Yurii**

Astron Observ  
Kharkiv State Univ  
Sumskaja UI 35  
310002 Kharkiv  
Ukraine  
☎ 380 5724 32428  
📠 380 5724 32428  
✉ shkuratov@astron.kharkov.ua

**Shlosman Isaac**

Dpt Phys/Astronomy  
Univ Kentucky  
Lexington KY 40506 0055  
USA  
☎ 1 859 257 3461  
📠 1 859 323 2846  
✉ shlosman@pa.uky.edu

**Shmeld Ivar**

Inst Astronomy  
Univ Latvia  
Raina Blvd 19  
LV 1586 Riga  
Latvia  
☎ 371 722 3637  
📠 371 782 0180  
✉ shmeld@latnet.lv

**Shobbrook Robert R**

Astronomy Dpt  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 692 3604  
📠 61 2 660 2903

**Shokin Yurij A**

SAI  
Acad Sciences  
Universitetskii Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1676  
📠 7 095 939 1676  
✉ shokin@sai.msu.ru

**Shone David**

NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
📠 44 147 757 1618  
✉ dls@jb.man.ac.uk

**Shor Viktor A**

Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 278 8809  
📠 7 812 272 7968

**Shore Bruce W**

LLNL  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 422 6204  
📠 1 415 423 0238  
✉ shore2@llnl.gov

**Shore Steven N**

Dpt Phys/Astronomy  
Indiana Univ  
1700 Mishawaka Av  
South Bend IN 46634 7111  
USA  
☎ 1 219 237 4401

**Shortridge Keith**

AAO  
Box 296  
Epping NSW 2121  
Australia  
☎ 61 2 9372 4822  
📠 61 2 9372 4880  
✉ ks@aaoepp.aao.gov.au

**Shostak G Seth**

SETI Inst  
2035 Landings Dr.  
Mountain View CA 94043  
USA  
☎ 1 650 960 4530  
📠 1 650 961 7099  
✉ seth@seti.org

**Shu Chenggang**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618

**Shu Frank H**

Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA  
☎ 1 510 642 2529  
📠 1 510 642 3411

**Shukla K**

Dpt Maths/Astronomy  
Univ Lucknow  
Lucknow  
India

**Shukre C S**

RR1  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
📠 91 80 334 0492  
✉ shukre@rri.ernet.in

**Shukurov Anvar**

Dpt Mathematics  
Univ Newcastle  
Newcastle Upon Tyne NE1  
7RU  
UK  
☎ 44 191 2225 398  
📠 44 191 2228 020  
✉ anvar.shukurov@ncl.ac.uk

**Shulga Valery**

Inst Radio Astron  
Ukrainian Acad Science  
4 Chervonopraporna st  
310002 Kharkiv  
Ukraine  
☎ 380 5724 48591  
📠 380 5724 76506  
✉ shulga@rian.kharkov.ua

**Shull John Michael**

JILA  
Univ Colorado  
Campus Box 440  
Boulder CO 80309 0440  
USA  
☎ 1 303 492 7827  
📠 1 303 492 5235

**Shull Peter Otto**

Physics Dpt  
Oklahoma State Univ  
Stillwater OK 74078 3072  
USA  
☎ 1 405 744 5785  
📠 1 405 744 6811  
✉ pos@okstate.edu

**Shul'man L M**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 63110  
📠 380 4426 62147

**Shulov Oleg S**

Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
199178 St Petersburg  
Russia  
☎ 7 812 428 7129  
📠 7 812 428 4259

**Shustov Boris M**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
📠 7 095 230 2081  
✉ bshustov@inasan.rssi.ru

**Shvelidze Teimuraz D**

Abastumani Astrophys  
Observ  
Kazbegi av 2A  
Tbilisi 308860  
Georgia  
☎ 995 32 375 226  
✉ shvete@causatus.net

**Sibille Francois**

Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 56 0705  
📠 33 4 72 39 9791

**Sicardy Bruno**

Observ  
DESPA  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7115  
📠 33 1 45 07 7971  
✉ sicardy@obsprm.fr

**Sidlichovsky Milos**

Astron Inst  
Czech Acad Sci  
Boeni Ii 1401  
CZ 141 31 Praha 4  
Czech Rep  
☎ 420 2 67 10 3078  
📠 420 2 76 90 23  
✉ sidlich@asu.cas.cz

**Sidorenkov Nikolay S**

Hydrometeorologic Res Ctr  
Bolshoi Predtechensky Per 9  
11  
123342 Moscow  
Russia  
☎ 7 095 255 5026  
📠 7 095 255 1582  
✉ sidor@rhmc.mecom.ru

**Sienkiewicz Ryszard**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
📠 48 22 841 0828  
✉ rs@camk.edu.pl

**Signore Monique**

DEMIRM  
ENS  
24 r Lhomond  
F 75231 Paris Cdx 05  
France  
☎ 33 1 44 32 3989  
📠 33 1 44 32 3992  
✉ signore@physique.ens.fr

**Sigurdsson Steinn**

Dpt Astron/Astrophys  
Pennsylvania State Univ  
525 Davey Laboratory  
University Park PA 16802  
USA  
☎ 1 814 863 6038  
📠 1 814 863 3399  
✉ steinn@ast.cam.ac.uk

**Sigut Aaron T A**

Dpt Phys/Astronomy  
Univ W Ontario  
London ON N6A 3K7  
Canada  
☎ 1 519 679 2111  
📠 1 519 661 2033  
✉ asigut@inverse.astro.uwo.ca

**Sikora Marek**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
📠 48 22 841 0828  
✉ sikora@camk.edu.pl

**Sikorski Jerzy**

Inst Theor Physics  
Univ Gdansk  
Ul Wita Stwosza 57  
PL 80 952 Gdansk  
Poland  
☎ 48 41 5241\*188  
✉ fizjks@halina.univ.gda.pl

**Silant'ev Nikolai**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 123 4090  
☎ 7 812 315 1701  
✉ alexeeva@gaoran.spb.ru

**Silberberg Rein**

NRL  
Code 4154  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 2803

**Sil'chenko Olga K**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 2657  
☎ 7 095 932 8841  
✉ olga@sai.msu.ru

**Silich Sergey**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 64771  
☎ 380 4426 62147  
✉ maouas@gluk.apc.org

**Silk Joseph I**

Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA  
☎ 1 510 642 2113  
☎ 1 510 642 3411

**Sillanpaa Aimo Kalevi**

Turku Univ  
Tuorla Observ  
Vaeisaelaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 274 4262  
☎ 358 2 243 3767  
✉ aimosill@kontu.utu.fi

**Silverberg Eric C**

McDonald Observ  
Univ Texas  
Box 1337  
Fort Davis TX 79734 1337  
USA

**Silvestro Giovanni**

Istt Fisica  
Univ d Torino  
Corso d Azeglio 46  
I 10125 Torino  
Italy  
☎ 39 011 658 623

**Sim Elizabeth Mary**

67 Swan Spring Ave  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 673 321  
☎ 44 13 16 688 356

**Sima Zdislav**

Astron Inst  
Czech Acad Sci  
Boeni Ii 1401  
CZ 141 31 Praha 4  
Czech Rep  
☎ 420 2 67 10 3042  
☎ 420 2 76 90 23  
✉ sima@ig.cas.cz

**Simek Milos**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7252  
☎ 420 2 88 1611  
✉ semik@asu.cas.cz

**Simien Francois**

Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 86 8385  
☎ 33 4 78 86 8386  
✉ simien@obs.univ-lyon1.fr

**Simkin Susan M**

Physics/Astronomy Dpt  
Michigan State Univ  
East Lansing MI 48824  
USA  
☎ 1 517 353 6779  
☎ 1 517 353 4500  
✉ simkin@pa.msu.edu

**Simmons John Francis I**

31 Havelock St  
Glasgow G11 5HA  
UK

**Simnett George M**

Dpt Space Res  
Univ Birmingham  
Box 363  
Birmingham B15 2TT  
UK  
☎ 44 12 14 721 301

**Simo Carles**

Fac Matematicas  
Univ Barcelona  
Avd Jose Antonio 585  
E 08028 Barcelona  
Spain

**Simoda Mahiro**

I 362 6  
Suzuki Kodaira  
Tokyo 187  
Japan

**Simon George W**

2821 Plaza Verde  
Santa Fe NM 87505 6514  
USA  
☎ 1 505 434 1390  
☎ 1 504 434 7029  
✉ simon@sunspot.noao.edu

**Simon Guy**

Observ  
DASGAL  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7787  
☎ 33 1 45 07 7872  
✉ Guy.Simon@obsprm.fr

**Simon Jean-Louis**

IMCCE  
Observatoire de Paris  
77 Av Denfert Rochereau  
F 75014 Paris  
France  
☎ 33 1 43 20 1210  
☎ 33 1 46 33 2834  
✉ jean-louis.simon@bdl.fr

**Simon Klaus Peter**

Inst Astron/Astrofysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 89 2180 6016  
☎ 49 89 2180 6003

**Simon Michal**

Dpt Earth/Space Sci  
Astronomy Program  
Suny at Stony Brook  
Stony Brook NY 11794 2100  
USA  
☎ 1 516 246 7672  
☎ 1 516 632 8240

**Simon Norman R**

Dpt Phys/Astronomy  
Univ Nebraska  
Behlen Observatory  
Lincoln NE 68588 0111  
USA  
☎ 1 402 472 2788  
☎ 1 402 472 2879

**Simon Paul C**

Observ  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0400  
☎ 32 2 375 1579  
✉ paul.simon@oma.be

**Simon Rene L E**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
☎ 32 4 254 7511

**Simon Theodore**  
Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 6317  
📠 1 808 988 2790

**Simon Vojtech**  
Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 620 347  
📠 420 204 620 110  
✉ simon@asu.cas.cz

**Simonneau Eduardo**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8143  
📠 33 1 44 32 8001

**Simons Stuart**  
School Mathemat Sc  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 980 4811  
📠 44 181 975 5500

**Simonson S Christian**  
1061 Russell Av  
Los Altos CA 94022  
USA  
☎ 1 415 968 0473

**Simovljevitch Jovan L**  
Astronomy Dpt  
Univ Belgrade  
Studentski Trg 16  
11000 Beograd  
Yugoslavia FR  
☎ 381 1 163 8715  
📠 381 1 163 0151

**Sims Kenneth P**  
Sydney Observ  
Observ Park  
Sydney NSW 2000  
Australia  
☎ 61 2 217 0485  
📠 61 2 217 0489.

**Sinachopoulos D**  
Observ  
de Belgique  
Av Circulaire 3  
B 1180 Bruxelles  
Belgium  
☎ 32 2 373 0291  
📠 32 2 374 9822  
✉ dimitris@oma.be

**Sinclair Andrew T**  
C/O RAS  
8a Canterbury Close  
Cambridge CB4 3QQ  
UK  
☎ 44 12 23 374 000  
📠 44 12 23 374 700

**Singal Ashok K**  
Astronomy/Astrophysics Div  
Physical Research  
Laboratory  
Navrangpura Ahmedabad  
Gujarat 380 009  
India  
☎ 91 79 656 2022  
📠 91 79 642 5037  
✉ asingal@prl.ernet.in

**Singh H P**  
Dpt Phys/Delhi Univ  
Sri Venkateswara College  
Dhaura Kuan  
New Delhi 110 021  
India  
☎ 91 11 729 1309

**Singh Jagdev**  
IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585/6497  
📠 91 80 553 4043

**Singh Kulinder Pal**  
TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 215 2971\*2376  
📠 91 22 495 2110  
✉ singh@tifr.res.in

**Singh Mahendra**  
Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Naini Tal 263 129  
India  
☎ 91 5942 35583  
📠 91 5942 35136  
✉ msingh@upso.ernet.in

**Singh Markandey**  
National Test House  
CP Block Sector 05  
Salt Lake  
Calcutta 700 091  
India  
☎ 91 033 358 7026  
📠 91 033 479 8026

**Sinha K**  
Indira Gandhi Planet  
9 Nabiullah Rd  
Surajkund Park  
Lucknow 226 018  
India  
☎ 91 522 229 176/370 396  
📠 91 522 229 176/211 793

**Sinha Rameshwar P**  
8700 Brickyard Rd  
Potomac MD 20854  
USA  
☎ 1 301 983 3899  
✉ rsinha@nesdis.noaa.gov

**Sinnerstad Ulf E**  
Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjöbaden  
Sweden  
☎ 46 8 717 0195  
📠 46 8 717 4719

**Sinton William M**  
850 E David Dr  
Flagstaff AZ 86001  
USA  
☎ 1 602 774 8308

**Sinvhal Shambhu Dayal**  
5401 Cuesta Verde  
Austin TX 78746  
USA  
☎ 1 512 492 0874  
✉ sdsinvhal@hotmail.com

**Sinzi Akira M**  
Hydrographic Dpt  
Geodesy/Geophys Div  
Tsukiji 5 Chuo Ku  
Tokyo 104  
Japan  
☎ 81 335 41 3816  
📠 81 354 52 885

**Sion Edward Michael**  
Astronomy Dpt  
Villanova Univ  
Villanova PA 19085  
USA  
☎ 1 215 645 4822  
✉ edward.scion@villanova.edu

**Siregar Suryadi**  
Astronomy Dpt  
Bandung Insste Techn  
Jl Ganesha 10  
Bandung 40132  
Indonesia  
☎ 62 22 244 0252  
📠 62 22 250 5442

**Sironi Giorgio**  
Dpt Fisica  
Univ d Milano  
Via Celoria 16  
I 20133 Milano  
Italy  
☎ 39 02 236 3542  
📠 39 02 706 38413  
✉ giorgio.sironi@mi.infn.it

**Sirousse Zia Haydeh**  
Gravit/Cosmologie  
Relativi UPMC Tour 22  
4 pl Jussieu  
F 75252 Paris Cdx 05  
France  
☎ 33 1 44 27 7292  
📠 33 1 44 27 7287  
✉ sirousse@ccr.jussieu.fr

**Sisson George M**  
Planetrees  
Wall  
Hexham NE46 4EQ  
UK  
☎ 44 14 348 1434

**Sistero Roberto F**  
 Observ  
 de Cordoba  
 Laprida 854  
 5000 Cordoba  
 Argentina  
 ☎ 54 51 23 0491  
 ☎ 54 51 21 0613  
 ✉ sistero@astro.edu.ar

**Sitarski Grzegorz**  
 Space Res Ctr  
 Polish Acad Sci  
 Ul Ordonia 21  
 PL 01 237 Warsaw  
 Poland  
 ☎ 48 22 40 3766  
 ☎ 48 22 36 8961

**Sitko Michael L**  
 Physics Dpt  
 Univ Cincinnati  
 210 Braunstein MI 11  
 Cincinnati OH 45221 0011  
 USA  
 ☎ 1 513 556 0501  
 ☎ 1 513 556 3425  
 ✉ sitko@dusty.phy.uc.edu

**Sivan Jean-Pierre**  
 OHP  
 F 04870 S Michel Obs  
 France  
 ☎ 33 4 92 70 6400  
 ☎ 33 4 92 76 6295  
 ✉ sivan@obs-hp.fr

**Sivaram C**  
 IIA  
 Koramangala  
 Sarjapur Rd  
 Bangalore 560 034  
 India  
 ☎ 91 80 356 6585/6497  
 ☎ 91 80 553 4043

**Sivaraman K R**  
 IIA  
 Koramangala  
 Sarjapur Rd  
 Bangalore 560 034  
 India  
 ☎ 91 80 356 6585  
 ☎ 91 80 553 4043

**Sizonenko Yuri V**  
 Main Astron Observ  
 Ukrainian Acad Science  
 Golosiiv  
 Kyiv 127 03680  
 Ukraine  
 ☎ 380 44 266 08 69  
 ✉ sizon@mao.kiev.ua

**Sjogren William L**  
 CALTECH/JPL  
 MS 301-150  
 4800 Oak Grove Dr  
 Pasadena CA 91109 8099  
 USA  
 ☎ 1 818 354 4868  
 ☎ 1 818 393 6030

**Skalafuris Angelo J**  
 NRL  
 Code 5307  
 4555 Overlook Av SW  
 Washington DC 20375 5000  
 USA  
 ☎ 1 202 767 3227

**Skillen Ian**  
 ING Astronomy Group  
 Apt 321  
 Santa Cruz de La Palma  
 E 38700 Santa Cruz  
 Spain  
 ☎ 34 922 425439  
 ☎ 34 922 425401  
 ✉ wji@ing.iac.es

**Skilling John**  
 Dpt Appl Maths/Theor Phys  
 Silver Street  
 Cambridge CB3 9EW  
 UK  
 ☎ 44 12 23 337 87  
 ☎ 44 12 23 337 918

**Skillman Evan D**  
 School Phys/Astronomy  
 Univ Minnesota  
 116 Church St SE  
 Minneapolis MN 55455  
 USA  
 ☎ 1 612 624 9523  
 ☎ 1 612 626 2029  
 ✉ skillman@astro.spa.umn.edu

**Skinner Gerald**  
 School Physics/Res  
 Univ Birmingham  
 Box 363  
 Birmingham B15 2TT  
 UK  
 ☎ 44 12 14 146 450

**Skoda Petr**  
 Astron Inst  
 Stellar Dpt  
 Fricova 1  
 CZ 251 65 Ondrejov  
 Czech Rep  
 ☎ 420 204 620 361  
 ☎ 420 204 620 250  
 ✉ skoda@sunstel.asu.cas.cz

**Skopal Augustin**  
 Astron Inst  
 Slovak Acad Sci  
 SK 059 60 Tatranska Lomni  
 Slovakia  
 ☎ 421 969 967 866  
 ☎ 421 969 967 656  
 ✉ astrskop@ta3.sk

**Skripnichenko Vladimir**  
 Inst Appl Astronomy  
 Acad Sciences  
 Zhdanovskaya Ul 8  
 197042 St Petersburg  
 Russia  
 ☎ 7 812 230 7414  
 ☎ 7 812 230 7413

**Skulachov Dmitry**  
 Space Res Inst  
 Acad Sciences  
 PrBoxsojuznaya Ul 84/32  
 117810 Moscow  
 Russia  
 ☎ 7 095 333 2588  
 ☎ 7 095 310 7023

**Skulskyj Mychajlo Y**  
 Physics Dpt  
 State Univ Lvivska Polite  
 S Bandera Str  
 290646 Lviv  
 Ukraine  
 ☎ 380 3227 44300  
 ☎ 380 3227 44300  
 ✉ msky@astro.lviv.ua

**Skumanich Andre**  
 HAO  
 NCAR  
 Box 3000  
 Boulder CO 80307 3000  
 USA  
 ☎ 1 303 497 1528  
 ☎ 1 303 497 1568

**Slade Martin A III**  
 CALTECH/JPL  
 MS 238 420  
 4800 Oak Grove Dr  
 Pasadena CA 91109 8099  
 USA  
 ☎ 1 818 354 6538  
 ☎ 1 818 393 6030

**Sleath John**  
 33 Monmouth Frove  
 Sterling Place  
 Brentford  
 Middx TW8 9QN  
 UK  
 ☎ 44 2085 69 7715  
 ✉ john.sleath@bankofengland.co.uk

**Slee O B**  
 CSIRO  
 Div Radiophysics  
 Box 76  
 Epping NSW 2121  
 Australia  
 ☎ 61 2 868 0222  
 ☎ 61 2 868 0310

**Slezak Eric**  
 OCA  
 Observ Nice  
 BP 4229  
 F 06304 Nice Cdx 4  
 France  
 ☎ 33 4 92 00 3124  
 ☎ 33 4 92 00 3033  
 ✉ eric.slezak@obs-azur.fr

**Sloan Gregory Clayton**  
 NASA ARC  
 MS 245 6  
 Moffett Field CA 94035  
 1000  
 USA  
 ☎ 1 415 604 5495  
 ☎ 1 415 604 6779  
 ✉ sloan@ssa1.arc.nasa.gov



**Slovak Mark Haines**  
Univ Memphis  
Dpt Physics  
328A Manning Hall  
Memphis TN 38152  
USA  
☎ 1 901 678 2306  
☎ 1 901 678 4733  
✉ mslovak@  
suvx2.memphis.edu

**Slysh Viacheslav I**  
Astro Space Ctr  
Lebedev Physical Inst  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 2167  
☎ 7 095 333 2378  
✉ vslysh@dpc.asc.rssi.ru

**Smak Joseph I**  
Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
☎ 48 22 841 0828  
✉ jis@alfa.camk.edu.pl

**Saldone Luigi Antonio**  
Dpt Fisica  
Univ d Napoli  
Mostra D Oltremare Pad 19  
I 80125 Napoli  
Italy  
☎ 39 08 172 53428  
☎ 39 08 161 4508

**Smale Alan Peter**  
NASA GSFC  
Code 668  
Greenbelt MD 20771  
USA  
☎ 1 301 286 7063  
☎ 1 301 286 3391  
✉ smale@  
heaux.gsfc.nasa.gov

**Smalley Barry**  
Physics Dpt  
Univ Keele  
Keele ST5 5BG  
UK  
☎ 44 178 262 1111  
☎ 44 178 271 1093  
✉ bs@astro.keele.ac.uk

**Smecker Hane Tammy A**  
Dpt Phys/Astronomy  
UCI  
Irvine CA 92697 4575  
USA  
☎ 1 949 824 7773  
☎ 1 949 824 2174  
✉ tsmecker@uci.edu

**Smette Alain**  
NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8619  
☎ 1 301 286 1752  
✉ asmette@  
band3.gsfc.nasa.gov

**Smeyers Paul**  
Inst v Sterrenkunde  
Katholieke Univ Leuven  
Celestijnenlaan 200B  
B 3001 Heverlee  
Belgium  
☎ 32 16 32 7033  
☎ 32 16 32 7999

**Smirnov Michael**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 233 1624  
☎ 7 095 230 2081  
✉ rykhlova@imasan.rssi.ru

**Smit J A**  
Sterrekundig Inst Utrecht  
Box 80000  
NL 3508 TA Utrecht  
Netherlands  
☎ 31 30 253 5200  
☎ 31 30 253 1601

**Smit Jan A**  
Dickinson Laan 1183  
0186 Waverley  
South Africa  
☎ 27 12 332 1388  
✉ ddl@mweb.co.za

**Smith Alex G**  
Astronomy Dpt  
Univ Florida  
211 SSRB  
Gainesville FL 32611  
USA  
☎ 1 352 392 6135  
☎ 1 352 392 5089

**Smith Barham W**  
LANL  
MS D436  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 1585  
☎ 1 505 665 4055  
✉ bwsmith@lanl.gov

**Smith Bradford A**  
Inst f Astronomy  
Univ Hawaii  
82 6012 Pu-uhonua Rd  
Napo'opo'o HI 96740 8226  
USA  
☎ 1 808 328 2568  
☎ 1 808 328 9472  
✉ brad@  
mahina.ifa.hawaii.edu

**Smith Bruce F**  
NASA ARC  
MS 245 3  
Moffett Field CA 94035  
1000  
USA  
☎ 1 415 694 5515  
☎ 1 415 604 6779

**Smith Craig H**  
Physics Dpt Univ College  
UNSW  
Northcott Dr  
Campbell ACT 2600  
Australia  
☎ 61 262 68 8790  
☎ 61 26 268 8786  
✉ craig@  
phadfa.ph.adfa.oz.au

**Smith Dean F**  
Berkeley Res Ass  
290 Green Rock Dr  
Boulder CO 80302  
USA  
☎ 1 303 444 1922

**Smith Eric Philip**  
NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8549  
☎ 1 301 286 1753  
✉ eric.p.smith@  
gsfc.nasa.gov

**Smith Francis Graham**  
NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
☎ 44 147 757 1618

**Smith Graeme H**  
Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2513  
☎ 1 831 426 3115

**Smith Harding E**  
Center Astro/Space Sci  
UCSD  
La Jolla CA 92093 0424  
USA  
☎ 1 419 534 4558  
☎ 1 419 534 7051  
✉ hsmith@ucsd.edu

**Smith Haywood C**  
Astronomy Dpt  
Univ Florida  
Box 112055  
Gainesville FL 32611  
USA  
☎ 1 352 392 7744  
☎ 1 352 392 5089  
✉ hsmith@astro.ufl.edu

**Smith Howard Alan**  
Cfa  
MS 65  
60 Garden St  
Cambridge MA 02138  
USA  
☎ 1 617 496 2198  
☎ 1 617 495 7490  
✉ hsmith@cfa.harvard.edu

- Smith Humphry M**  
23 Normandale  
Bexhill on Sea TN39 3LU  
UK  
☎ 44 14 24 214 288
- Smith Linda J**  
Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050\*788  
① 44 171 380 7145
- Smith Malcolm G**  
NAO  
CTIO  
Casilla 603  
La Serena  
Chile  
☎ 56 51 20 5217  
① 56 51 20 5212  
✉ msmith@ctio.noao.edu
- Smith Michael**  
Armagh Observ  
College Hill  
Armagh BT61 9DG  
UK  
☎ 44 18 61 522 928  
① 44 18 61 527 174  
✉ mds@star.arm.ac.uk
- Smith Myron A**  
STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 5036  
① 1 410 338 4767  
✉ msmith@stsci.edu
- Smith Niall**  
Applied Physics/Instrum Dpt  
Rossa Av  
Bishopstown  
Cork  
Ireland  
☎ 353 2 132 6369  
① 353 2 134 5191  
✉ nsmith@rtc-cork.ie
- Smith Peter L**  
CfA  
MS 50  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 4984  
① 1 617 495 7455  
✉ plsmith@cfa.harvard.edu
- Smith Robert Cannon**  
Astronomy Centre  
Univ Sussex  
Falmer  
Brighton BN1 9QH  
UK  
☎ 44 12 73 678 974  
① 44 12 73 678 097  
✉ r.c.smith@sussex.ac.uk
- Smith Robert G**  
Physics Dpt Univ College  
UNSW  
Northcott Dr  
Campbell ACT 2600  
Australia  
☎ 61 262 68 8746  
① 61 262 68 8786  
✉ rgs@phadfa.ph.adfa.oz.au
- Smith Rodney M**  
Dpt Phys/Astronomy  
Univ Wales  
Box 913  
Cardiff CF2 3YB  
UK  
☎ 44 12 22 874 000\*5282  
① 44 12 22 874 056  
✉ r.smith@astro.cf.ac.uk
- Smith Verne V**  
Dpt Physics  
Univ Texas El Paso  
500 W. Univ  
El Paso TX 79968  
USA  
☎ 1 915 747 7529  
① 1 915 747 5447  
✉ verne@balmer.physics.utep.edu
- Smith Wm Hayden**  
Physics Dpt  
Washington Univ  
McDonnell Ctr Space Sci  
St Louis MO 63130  
USA  
☎ 1 314 889 6574  
① 1 314 935 4083
- Smith Jr Harding E**  
CASS  
UCSD  
C 011  
La Jolla CA 92093 0216  
USA  
☎ 1 419 534 4558  
① 1 419 534 2294
- Smits Derck P**  
Dpt Maths/Applied  
Maths/Astron  
Univ South Africa  
PO Box 392  
0003 Pretoria  
South Africa  
☎ 27 12 429 6345  
① 27 12 429 6064  
✉ dps@astro.unisa.ac.za
- Smolentsev Sergey**  
Inst Applied Astron  
Zhdanovskaya St 8  
197110 St Petersburg  
Russia  
☎ 7 812 275 11 18  
① 7 812 275 11 19  
✉ smolen@isida.ipa.rssi.ru
- Smol-Kov Gennadij Ya**  
Sibizmir  
Acad Sciences  
664697 Irkutsk 33  
Russia  
☎ 7 395 262 9388
- Smoot III George F**  
Lawrence Berkeley Lab  
Univ California  
Bg 50 230  
Berkeley CA 94720  
USA  
☎ 1 510 486 5237  
① 1 510 486 6738
- Smriglio Filippo**  
Istt Astronomico  
Univ d Roma La Sapienza  
Via G M Lancisi 29  
I 00161 Roma  
Italy  
☎ 39 06 440 3734  
① 39 06 440 3673
- Smylie Douglas E**  
Dpt Phys/Earth/Atm Sci  
York Univ  
4700 Keele St  
Downsview ON M3J 1P3  
Canada  
☎ 1 416 736 5245
- Smyth Michael J**  
18 Observatory Road  
Edinburgh EH9 3HE  
UK  
☎ 44 13 16 673 974  
✉ mjs@roe.ac.uk
- Sneden Christopher A**  
Astronomy Dpt  
Univ Texas  
Rlm 16 324  
Austin TX 78712 1083  
USA  
☎ 1 512 471 1349  
① 1 512 471 6016  
✉ chris@astro.as.utexas.edu
- Snell Ronald L**  
Five College  
RAO  
B619 Lederle Grad Res Twr  
Amherst MA 01003  
USA  
☎ 1 413 545 1949
- Snezhko Leonid I**  
SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 789 3513
- Snijders Mattheus A J**  
IRAM  
300 r La Piscine  
F 38406 S Martin Heres Cdx  
France  
☎ 33 4 76 42 3383  
① 33 4 76 51 5938
- Snow Theodore P**  
CASA  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0389  
USA  
☎ 1 303 492 4050  
① 1 303 492 7178  
✉ tsnow@casa.colorado.edu

**Snowden Michael**

P.O. Box 44  
MacPherson Road  
Singapore 913402  
Singapore  
☎ 65 3 326 4224  
① 65 3 326 4225  
✉ mss@sri.lanka.net

**Snyder Lewis E**

Dpt Astron/Physics  
Univ Illinois  
1011 W Springfiels Av  
Urbana IL 61801  
USA  
☎ 1 217 333 5530  
① 1 217 244 7638

**Soares Domingos S L**

Physics Dpt  
UFMG  
CP 702  
30161 970 Belo Horizonte  
Brazil  
☎ 55 31 499 5649  
① 55 31 499 5600  
✉ dsoares@fisica.ufmg.br

**Soberman Robert K**

Dpt Astron/Astrophys  
Univ Pennsylvania  
David Rittenhouse Lab  
Philadelphia PA 19104  
USA  
☎ 1 215 898 8176  
① 1 215 898 9336

**Sobieski Stanley**

NASA GSFC  
Code 673  
Greenbelt MD 20771  
USA

**Sobolev Andrej M**

Ural State Univ  
Astron Observ  
Lenin Av 51  
620083 Ekaterinburg  
Russia  
☎ 7 343 261 5431  
① 7 343 255 5964  
✉ Andrej.sobolev@usu.ru

**Soboleva N S**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
① 7 812 315 1701

**Sobotka Michal**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 201  
① 420 288 1611  
✉ msobotka@asu.cas.cz

**Sobouti Yousef**

Inst Adv Studies  
in Basic Sci  
Gavesh Zang  
Zanjan 45195  
Iran  
☎ 98 241 449 872  
① 98 241 449 023  
✉ sobouti@iasbs.ac.ir

**Sochilina Alla S**

Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 278 8898  
① 7 812 272 7968  
✉ 1099@ita.spb.su

**Soderblom David R**

STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4543  
① 1 410 338 5090  
✉ soderblom@stsci.edu

**Soderblom Larry**

USGS  
Br Astrogeology  
2255 N Gemini Dr  
Flagstaff AZ 86001  
USA

**Soderhjelm Staffan**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7303  
① 46 46 222 4614  
✉ staffan@astro.lu.se

**Sodin Leonid**

Inst Radio Astron  
Ukrainian Acad Science  
4 Chervonopraporna st  
310002 Kharkiv  
Ukraine  
☎ 380 5724 71134  
① 380 5724 76506  
✉ rai@ira.kharkov.ua

**Sodre Laerte**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 5778 599  
① 55 11 2763 848  
✉ laerte@  
astro1.iagusp.usp.br

**Soffel Michael**

Inst Planet Geodesie  
Dresden Tech Univ  
Mommensenstr 13  
D 01062 Dresden  
Germany  
☎ 49 351 463 4200  
① 49 351 463 7019  
✉ soffel@  
rcs.urz.tu-dresden.de

**Sofia Sabatino**

Astronomy Dpt  
Yale Univ  
Box 208101  
New Haven CT 06520 8101  
USA  
☎ 1 203 432 3011  
① 1 203 432 5048  
✉ sofia@astro.yale.edu

**Sofia Ulysses J**

Dpt Astronomy  
Whitman College  
Walla Walla WA 99362  
USA  
☎ 1 509 527 5219  
① 1 509 527 5904  
✉ sofiauj@whitman.edu

**Sofue Yoshiaki**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 41 3734  
① 81 422 41 3749

**Sohn Young-Jong**

Dpt Astronomy  
Yonsei Univ Seoul  
Seoul 120 749  
Korea RP  
☎ 82 2 361 4159  
① 82 2 362 5136  
✉ sohnjy@csa.yonsei.ac.kr

**Soifer Baruch T**

CALTECH  
MS 320 47  
Downes Lab Box Physics  
Pasadena CA 91125  
USA  
☎ 1 818 356 6626  
① 1 818 796 8806

**Sokolov Konstantin**

Inst Radio Astron  
Ukrainian Acad Science  
4 Chervonopraporna st  
310002 Kharkiv  
Ukraine  
☎ 380 5724 51014  
① 380 5724 76506  
✉ rai@ira.kharkov.ua

**Sokolov Leonid L**

Astron Inst  
St Petersburg Univ  
Bibliotechnaya Pl 2  
198504 St Petersburg  
Russia  
☎ 7 812 428 4163  
① 7 812 428 7129  
✉ lsok@astro.spbu.ru

**Sokolov Viktor G**

Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 275 1090  
① 7 812 272 7968  
✉ 1095@ita.spb.ru

- Sokolov Vladimir V**  
SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 7846 310  
☎ 7 901 4982 931  
✉ sokolov@sao.ru
- Sokolowski Lech**  
Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 25 1294  
☎ 48 12 25 1318
- Sokolsky Andrej G**  
Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10  
191187 St Petersburg  
Russia  
☎ 7 812 279 0667  
☎ 7 812 272 7968  
✉ sokolsky@iit.spb.ru
- Sol Helene**  
Observ  
DAEC  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7428  
☎ 33 1 45 07 7123  
✉ Helene.Sol@obspm.fr
- Solanes Majua Jose M**  
Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 255 6915  
☎ 1 607 255 8803  
✉ solanes@  
astrosun.tn.cornell.edu
- Solanki Sami K**  
MPI Aeronomie  
Max Planck Str 2  
D 37191 Katlenburg Lindau  
Germany  
☎ 49 5556 979 552  
☎ 49 5556 979 190  
✉ solanki@linmpi.mpg.de
- Solaric Nikola**  
Hvar Observ  
Fac Geodesy  
Kacicewa 26  
HR 10000 Zagreb  
Croatia  
☎ 385 1 465 1243  
☎ 385 1 482 8081  
✉ dspoljar@geodet.geof.hr
- Solec Martin**  
Astron Inst  
Charles Univ  
V Holesovickack 2  
CZ 180 00 Praha 8  
Czech Rep  
☎ 420 2 2191 2572  
☎ 420 2 2191 2577  
✉ solec@  
mbox.troja.mff.cuni.cz
- Solf Josef**  
Gellestrasse 11  
D 07743 Jena  
Germany  
☎ 49 364 1448 524  
✉ solf@t-online.de
- Solheim Jan Erik**  
Physics Dpt  
Univ Tromso  
N 9037 Tromso  
Norway  
☎ 47 77 64 5191  
☎ 47 77 64 5595  
✉ erik.solheim@phys.uit.no
- Soliman Mohamed Ahmed**  
NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
☎ 20 62 21 405 297
- Solivella Gladys Rebecca**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 217 308  
☎ 54 221 38 810  
✉ gladys@fcaglp.edu.ar
- Sollazzo Claudio**  
ESOC  
Robert-Bosch Str 5  
D 64293 Darmstadt  
Germany  
☎ 49 615 188 61
- Solomon Philip M**  
Dpt Earth/Space Sci  
Astronomy Program  
Suny at Stony Brook  
Stony Brook NY 11794 2100  
USA  
☎ 1 516 246 8383  
☎ 1 516 632 8240
- Solovaya Nina A**  
SAI  
Moscow Univ  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 932 8841  
☎ 7 095 939 0126  
✉ solov@sai.msu.ru
- Soltan Andrzej Maria**  
Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartycka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 651 0500  
☎ 48 22 841 0046  
✉ soltan@camk.edu.pl
- Soltau Dirk**  
Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 319 8154  
☎ 49 761 319 8111  
✉ soltau@  
kis.uni-freiburg.de
- Soltynski Maciej**  
Astron Society Southern  
Africa  
3 Oleander Way  
7806 Constantia  
South Africa  
☎ 27 21 918 4152  
☎ 27 21 918 4146  
✉ mgs@maties.sun.ac.za
- Soma Mitsuru**  
Ntl Astron Observ  
2 21 1 Osawa  
Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3788  
☎ 81 422 32 1924  
✉ somamt@cc.nao.ac.jp
- Somasundaram Seetha**  
Technical Physics Division  
ISRO Satellite Center  
Airport Rd. Vimanapura  
P.O.  
Bangalore 560017  
India  
☎ 91 80 508 3701  
☎ 91 80 526 5407  
✉ Seetha@isac.ernet.in
- Somerville William B**  
Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 382 7050  
☎ 44 171 380 7145
- Sommer-Larsen Jesper**  
Theoretical Astrophys Centre  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5909  
☎ 45 35 32 5910
- Somov Boris V**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1644  
☎ 7 095 939 0126  
✉ smn@sai.msk.su
- Sonett Charles P**  
Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 6935  
☎ 1 520 621 4933
- Song Doo Jong**  
Korea Astronomy Observ  
36 1 Whaam Dong  
Yuseong Gu  
Taejon 305 348  
Korea RP  
☎ 82 428 61 1502  
☎ 82 428 61 5610

**Song Guoxuan**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618  
✉ gxsong@  
center.shao.ac.cn

**Song Jin'an**  
Shaaxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0430  
① 86 29 389 0196

**Songsathaporn Ruangsak**  
Physics Dpt  
Chiang Mai Univ  
Faculty Box Sciences  
Chiang Mai 50002  
Thailand  
☎ 66 53 22 1934\*135

**Sonneborn George**  
NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 3665  
① 1 301 286 1753  
✉ sonneborn@  
stars.gsfc.nasa.gov

**Sonti Sreedhar Rao**  
Astronomy Dpt  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 868951\*247

**Sood Ravi**  
Physics Dpt  
Univ College Adfa  
UNSW  
Canberra ACT 2600  
Australia  
☎ 61 262 688 765  
① 61 262 688 786  
✉ r-sood@adfa.edu.au

**Soon Willie H**  
CfA  
HCO/SAO MS 16  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7488  
① 1 617 495 7049  
✉ wsoon@  
fasp34.harvard.edu

**Soonthornthum Boonrucksar**  
Physics Dpt  
Fac Sciences  
Chiang Mai Univ  
Chiang Mai 50200  
Thailand  
☎ 66 53 22 1699\*3367  
① 66 53 22 2268  
✉ boonraks@  
cmu.chiangmai.ac.th

**Sorensen Gunnar**  
Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 86 12 8899  
① 45 86 20 2711

**Sorensen Soren-Aksel**  
Dpt Computer Science  
UCLo  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
① 44 171 380 7145

**Soriano Jr. Bernado M**  
AGSSB PAGASA  
1424 Quezon Avenue  
1424 Quezon Avenue  
Quezon City 1104  
Philippines  
☎ 63 2373 3420  
① 63 2373 3420  
✉ agssb@info.com.ph

**Sorochenko R L**  
Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia  
☎ 7 095 135 0171  
① 7 095 135 7880

**Sorokin Nikolai A**  
Inst Theoret Astron  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 2923  
① 7 095 230 2081  
✉ nsorokin@inasan.rssi.ru

**Soru-Escaut Irina**  
Observ  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France

**Sotirovski Pascal**  
Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7802  
① 33 1 45 07 7959

**Soubiran Caroline**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
① 33 5 56 40 4251  
✉ soubiran@  
observ.u-bordeaux.fr

**Soucail Genevieve**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 33 2819  
① 33 5 61 53 6722  
✉ soucail@obs-mip.fr

**Souchay Jean**  
Observ  
DAN  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2322  
① 33 1 40 51 2291  
✉ souchay@obsmpm.fr

**Souffrin Pierre B**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3011  
① 33 4 92 00 3033  
✉ pierre.souffrin@  
obs-nice.fr

**Soulie Guy**  
Observ  
BP 89  
F 33270 Floirac  
France  
☎ 33 5 56 86 4330  
① 33 5 56 40 4251  
✉ soulie@  
observ.u-bordeaux.fr

**Souriau Jean-Marie**  
10 r Mazarine  
F 13100 Aix en Provence  
France  
☎ 33 4 42 26 2580  
✉ Jean-Marie.Souriau@  
univ-mrs.fr

**Sovers Ojars J**  
88537 3rd Ave.  
Florence OR 97439 9104  
USA  
☎ 1 541 997 3590  
① 1 541 341 1681  
✉ ojars@rsasys.com

**Sowell James Robert**  
Georgia Inst  
Technology  
School Box Physics  
Atlanta GA 30332  
USA  
☎ 1 404 894 3628  
✉ js58@hydra.gatech.edu

**Spada Gianfranco**  
TeSRE  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 8665  
① 39 051 639 8724

**Spadaro Daniele**  
 Osserv Astronomico  
 d Catania  
 Via A Doria 6  
 I 95125 Catania  
 Italy  
 ☎ 39 095 733 2111  
 ☎ 39 095 733 0592  
 ✉ dspadaro@  
 alpha4.ct.astro.it

**Spaenhauer Andreas  
 Martin**  
 Astronomisches Inst  
 Univ Basel  
 Venusstr 7  
 CH 4102 Binningen  
 Switzerland  
 ☎ 41 61 271 7711/12  
 ☎ 41 61 205 5455

**Spagna Alessandro**  
 Osserv Astronomico  
 d Torino  
 St Osservatorio 20  
 I 10025 Pino Torinese  
 Italy  
 ☎ 39 011 461 9034  
 ☎ 39 011 461 9030  
 ✉ spagna@to.astro.it

**Sparke Linda**  
 Washburn Observ  
 Univ Wisconsin  
 475 N Charter St  
 Madison WI 53706  
 USA  
 ☎ 1 608 262 0309  
 ☎ 1 608 263 6386  
 ✉ sparke@  
 madraf.astro.wisc.edu

**Sparks Warren M**  
 LANL  
 MS F669  
 Box 1663  
 Los Alamos NM 87545 2345  
 USA  
 ☎ 1 505 667 4922  
 ☎ 1 505 665 4055

**Sparks William Brian**  
 STSci  
 Homewood Campus  
 3700 San Martin Dr  
 Baltimore MD 21218  
 USA  
 ☎ 1 410 338 4843  
 ☎ 1 410 338 4767  
 ✉ sparks@stsci.edu

**Sparrow James G**  
 Aeronautical Res  
 Laboratories  
 4331  
 Melbourne VIC 3001  
 Australia  
 ☎ 61 36 477 623

**Spasova Nedka Marinova**  
 Astronomy Dpt  
 Bulgarian Acad Sci  
 72 Tzarigradsko Shosse Blvd  
 BG 1784 Sofia  
 Bulgaria  
 ☎ 359 2 75 8927  
 ☎ 359 2 75 8927

**Speer R J**  
 Physics Dpt  
 Imperial Coll  
 Prince Consort Rd  
 London SW7 2BZ  
 UK  
 ☎ 44 171 594 7771  
 ☎ 44 171 594 7772

**Spencer John R**  
 Lowell Observ  
 1400 W Mars Hill Rd  
 Flagstaff AZ 86001  
 USA  
 ☎ 1 520 774 3358  
 ☎ 1 520 774 6296  
 ✉ spencer@lowell.edu

**Spencer John Howard**  
 NRL  
 Code 7214  
 4555 Overlook Av SW  
 Washington DC 20375 5351  
 USA  
 ☎ 1 202 767 3050  
 ✉ spencer@  
 proteus.nrl.navy.mil

**Spencer Ralph E**  
 NRAL  
 Univ Manchester  
 Jodrell Bank  
 Macclesfield SK11 9DL  
 UK  
 ☎ 44 147 477 1321  
 ☎ 44 147 757 1618

**Sperauskas Julius**  
 Astron Observ  
 Ciurlionio 29  
 LT Vilnius 2009  
 Lithuania  
 ☎ 370 2 633 343  
 ☎ 370 2 223 563

**Spergel David N**  
 Princeton Univ Observ  
 Peyton Hall  
 Princeton NJ 08544 1001  
 USA  
 ☎ 1 609 258 3589  
 ☎ 1 609 258 1020  
 ✉ dns@astro.princeton.edu

**Spicer Daniel Shields**  
 NASA GSFC  
 Code 682  
 Greenbelt MD 20771  
 USA  
 ☎ 1 301 286 7334

**Spiegel E**  
 Astronomy Dpt  
 Columbia Univ  
 538 W 120th St  
 New York NY 10027  
 USA  
 ☎ 1 212 854 3278  
 ☎ 1 212 316 9504

**Spielfiedel Annie**  
 Observ  
 DAMAP  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7453  
 ☎ 33 1 45 07 7121  
 ✉ spillfeld@obsppm.fr

**Spinrad Hyron**  
 Astronomy Dpt  
 Univ California  
 601 Campbell Hall  
 Berkeley CA 94720 3411  
 USA  
 ☎ 1 510 642 2078  
 ☎ 1 510 642 3411  
 ✉ spinrad@  
 bigz.berkeley.edu

**Spite Francois M**  
 Observ  
 DASGAL  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7840  
 ☎ 33 1 45 07 7878  
 ✉ francois.spite@obsppm.fr

**Spite Monique**  
 Observ  
 DASGAL  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7839  
 ☎ 33 1 45 07 7878  
 ✉ monique.spite@obsppm.fr

**Spithas Elefterios N**  
 Astronomy Dpt  
 Ntl Univ Athens  
 Panepistimiopolis  
 GR 157 84 Zografos  
 Greece  
 ☎ 30 1 724 3414  
 ☎ 30 1 723 5122

**Spoelstra T A Th**  
 NFRA  
 Box 2  
 NL 7991 Pd Dwingeloo  
 Netherlands  
 ☎ 31 521 59 5100  
 ☎ 31 521 59 7332

**Sprague Ann Louise**  
 Lunar/Planetary Lab  
 Room 325 Bg 92  
 Univ Arizona  
 Tucson AZ 85721 0092  
 USA  
 ☎ 1 520 621 2282  
 ☎ 1 520 621 4933  
 ✉ sprague@  
 titan.lpl.arizona.edu

**Spruit Henk C**  
 MPA  
 Karl Schwarzschildstr 1  
 D 85748 Garching  
 Germany  
 ☎ 49 893 299 00  
 ☎ 49 893 299 3235  
 ✉ henk@  
 mpa-garching.mpg.de

**Spurny Pavel**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7153  
☎ 420 2 88 1611  
✉ spurny@asu.cas.cz

**Spurzem Rainer**

ARI  
Moenchstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 5230  
☎ 49 622 140 5297  
✉ spurzem@  
relay.ari.uni-heidelberg.de

**Sprou Nicolaos**

Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 2658

**Sramek Richard A**

NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7394  
☎ 1 505 835 7027

**Sreekantan B V**

TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 219 111  
☎ 91 22 215 2110

**Sreekumar Parameswaran**

Technical Physics Division  
ISRO Satellite Center  
Airport Rd. Vimanapura  
P.O.  
Bangalore 560017  
India  
☎ 91 80 508 3701  
☎ 91 80 526 5407  
✉ pskumar@isac.ernet.in

**Sreenivasan S Ranga**

Physics Dpt  
Univ Calgary  
2500 Univ Dr NW  
Calgary AB T2N 1N4  
Canada  
☎ 1 403 284 5385  
☎ 1 403 289 3331

**Srianand Roghunathan**

IUCAA  
Post Bag 4  
Ganeshkhind  
Pune 411007  
India  
☎ 91 20 5651 414  
☎ 91 20 5650 760  
✉ anand@iucaa.ernet.in

**Srinivasan G**

RRRI  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
☎ 91 80 334 0492  
✉ srini@rri.res.in

**Srivastava Dhruva**

Physics Dpt  
Univ Gorakhpur  
Gorakhpur 273 009  
India  
☎ 91 551 332 398  
☎ 91 551 340 459  
✉ dcs@gkpu.ernet.in

**Srivastava J B**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136  
✉ srini@rri.ernet.in

**Srivastava Ram Kumar**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136

**Stabell Rolf**

Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 85 6530  
☎ 47 22 85 6505  
✉ rolf.stabell@astro.uio.no

**Stacey Gordon J**

Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 255 5900  
☎ 1 607 255 5875  
✉ stacey@cornell.edu

**Stachnik Robert V**

NASA Headquarters  
Astrophysics Div  
Code SZ  
Washington DC 20546  
USA  
☎ 1 202 358 0351  
☎ 1 202 358 3096  
✉ rstachnik@  
gm.ossa.hq.nasa.gov

**Stagg Christopher**

Mount Royal College  
Dpt Physics & Astronomy  
4825 Richard Road SW  
Calgary AB T3E 6K6  
Canada  
☎ 1 403 240 6029  
☎ 1 403 240 6505

**Stagni Ruggero**

Osserv Astrisico  
Univ d Padova  
Via d Osservatorio 8  
I 36012 Asiago  
Italy  
☎ 39 042 446 2665  
☎ 39 042 446 2884

**Stahl Otmar Richard**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9231  
☎ 49 622 150 9202  
✉ o.stahl@  
sw.uni-heidelberg.de

**Stahler Steven W**

Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA

**Stahr-Carpenter M**

1101 Hill Top Rd  
Charlottesville VA 22903  
USA  
☎ 1 804 293 7063

**Stalio Roberto**

Dpt Astronomia  
Univ d Trieste  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 793 921\*221  
☎ 39 040 309 418

**Standish E Myles**

CALTECH/JPL  
MS 301 150  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 3959  
☎ 1 818 393 6388  
✉ ems@smyles.jpl.nasa.gov

**Stanford Spencer A**

LLNL  
L 413  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 423 6013  
☎ 1 415 423 0238  
✉ adam@igpp.llnl.gov

**Stanga Ruggero**

Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
☎ 39 055 220 039  
✉ stanga@arcetri.astro.it

**Stanghellini Carlo**  
 Inst Radioastronomia del  
 CNR  
 Stazione VLBI Di Noto  
 I 96017 Noto SR  
 Italy  
 ☎ 39 093 182 4107  
 ☎ 39 093 182 4122  
 ✉ carlo@ira.noto.cnr.it

**Stanghellini Letizia**  
 STSCI  
 ESA  
 3700 San Martin Dr  
 Baltimore MD 21218  
 USA  
 ☎ 1 410 338 4838  
 ☎ 1 410 338 2617  
 ✉ lstanghe@stsci.edu

**Stanila George**  
 Mitropolit Grigore 28  
 Box 28  
 RO 75215 Bucharest  
 Romania  
 ☎ 40 1 623 3426

**Stankevich Kazimir S**  
 Radiophysical Res  
 Inst  
 Lyadov Ul 25/14  
 603600 N Novgorod  
 Russia  
 ☎ 7 832 338 9091  
 ☎ 7 831 236 9902

**Stanley G J**  
 Box 1348  
 Carmel Valley CA 93924  
 USA  
 ☎ 1 408 659 2940

**Stannard David**  
 NRAL  
 Univ Manchester  
 Jodrell Bank  
 Macclesfield SK11 9DL  
 UK  
 ☎ 44 147 477 1321  
 ☎ 44 147 757 1618

**Stapelheldt Karl R**  
 CALTECH/JPL  
 MS 183 900  
 4800 Oak Grove Dr  
 Pasadena CA 91109 8099  
 USA  
 ☎ 1 818 354 2640  
 ☎ 1 818 393 9088  
 ✉ krs@  
 exoplanet.jpl.nasa.gov

**Stark Antony A**  
 CfA  
 HCO/SAO MA 78  
 60 Garden St  
 Cambridge MA 02138 1516  
 USA  
 ☎ 1 617 496 7648  
 ☎ 1 617 496 7554  
 ✉ aas@cf.harvard.edu

**Stark Glen**  
 Whitin Observ  
 Wellesley Coll  
 Wellesley MA 02181  
 USA  
 ☎ 1 617 235 0320  
 ☎ 1 617 283 3667  
 ✉ gstark@  
 lucy.wellesley.edu

**Starrfield Sumner**  
 Phys/Astronomy Dpt  
 Arizona State Univ  
 Astronomy Program  
 Tempe AZ 85287 1504  
 USA  
 ☎ 1 480 965 7569  
 ☎ 1 480 965 7954  
 ✉ sumner.starrfield@  
 asu.edu

**Stasinska Grazyna**  
 Observ  
 DAEC  
 Pl J Janssen  
 F 92195 Meudon PPL Cdx  
 France  
 ☎ 33 1 45 07 7422  
 ☎ 33 1 45 07 7123  
 ✉ grazyna@obspm.fr

**Stateva Ivanka K**  
 Astronomy Dpt  
 Bulgarian Acad Sci  
 72 Tsarigradsko Shosse Blvd  
 BG 1784 Sofia  
 Bulgaria  
 ☎ 359 2 758 927  
 ☎ 359 2 758 927  
 ✉ stateva@astro.bas.bg

**Stathopoulou Maria**  
 Astrophysics Dpt  
 Ntl Univ Athens  
 Panepistimiopolis  
 GR 157 84 Zografos  
 Greece  
 ☎ 30 1 724 3414  
 ☎ 30 1 722 8981

**Statler Thomas S**  
 Dpt Physics/Astronomy  
 251B Clipping Labs  
 Ohio Univ  
 Athens OH 45701  
 USA  
 ☎ 1 740 593 1722  
 ☎ 1 740 593 0433  
 ✉ tss@coma.phy.ohiou.edu

**Staubert Ruediger**  
 Astronomisches Inst  
 Univ Tuebingen  
 Waldhaeuserstr 64  
 D 72076 Tuebingen  
 Germany  
 ☎ 49 707 129 4980  
 ☎ 49 707 129 3458  
 ✉ staubert@  
 ait.physik.uni.tuebingen.de

**Staude Hans Jakob**  
 MPI Astronomie  
 Koenigstuhl  
 D 69117 Heidelberg  
 Germany  
 ☎ 49 622 152 8229  
 ☎ 49 622 152 8246

**Staude Juergen**  
 AIP  
 SOE  
 Telegrafenberg  
 D 14473 Potsdam  
 Germany  
 ☎ 49 331 288 2300  
 ☎ 49 331 288 2310  
 ✉ jstaude@aip.de

**Stauffer John Richard**  
 590 Elm Ave  
 Sierra Madre CA 91024  
 USA  
 ☎ 1 626 395 2698  
 ☎ 1 626 432 7484  
 ✉ stauffer@ipac.caltech.edu

**Staveley-Smith Lister**  
 CSIRO  
 Div Radiophysics  
 Box 76  
 Epping NSW 1710  
 Australia  
 ☎ 61 2 9372 4271  
 ☎ 61 2 9372 4310  
 ✉ lstavele@atnf.csiro.au

**Stavinschi Magdalena**  
 Astron Inst  
 Romanian Acad Sci  
 Cutitul de Argint 5  
 RO 75212 Bucharest  
 Romania  
 ☎ 40 1 335 6892  
 ☎ 40 1 337 3389  
 ✉ magda@roastro.astro.ro

**Stawikowski Antoni**  
 Inst Astronomy  
 N Copernicus Univ  
 Ul Chopina 12/18  
 PL 87 100 Torun  
 Poland  
 ☎ 48 56 26 018  
 ☎ 48 56 24 602

**Stebbins Robin**  
 JILA  
 Univ Colorado  
 Campus Box 440  
 Boulder CO 80309 0440  
 USA  
 ☎ 1 303 492 6073  
 ☎ 1 303 492 5235

**Stecher Theodore P**  
 NASA GSFC  
 Code 680  
 Greenbelt MD 20771  
 USA  
 ☎ 1 301 286 8718  
 ☎ 1 301 286 1753  
 ✉ stecher@uit.gsfc.nasa.gov

**Stecker Floyd W**  
 NASA GSFC  
 Code 660  
 Greenbelt MD 20771  
 USA  
 ☎ 1 301 286 6057



**Stecklum Bringfried**

Thueringer Landessternwarte  
Sternwarte 5  
D 07778 Tautenburg  
Germany  
☎ 49 364 278 6354  
☎ 49 364 278 6329  
✉ stecklum@  
tls-tautenburg.de

**Stee Philippe**

OCA  
2130 r Observatoire  
F 06460 Cassouls  
France  
☎ 33 4 93 40 5493  
☎ 33 4 93 40 4431  
✉ Philippe.Stee@  
obs-azur.fr

**Steel Duncan I**

Joule Physics Lab  
Univ Salford  
Salford M5 4WT  
UK

**Steele Colin D C**

Mathematics Dpt  
UMIST  
Box 88  
Manchester M60 1QD  
UK  
☎ 44 161 200 3632  
☎ 44 161 200 3669  
✉ cds@ast.ma.umist.ac.uk

**Steenman-Clark Lois**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3011  
☎ 33 4 92 00 3033

**Stefanik Robert**

Oak Ridge Observ  
Harvard Smithsonian Ctr  
Pinnacle Rd  
Harvard MA 01451  
USA  
☎ 1 617 495 7070  
✉ stefanik@cfa.harvard.edu

**Stefano Andreon**

Osserv d Capodimonte  
Via Moiarriello 16  
I 80131 Napoli  
Italy  
☎ 39 08 155 75546  
☎ 39 08 145 6710  
✉ andreon@na.astro.it

**Steffen Matthias**

Inst Theor Phys/  
Sternwarte Univ Kiel  
Olshausenstr 40  
D 24098 Kiel  
Germany  
☎ 49 431 880 4101  
☎ 49 431 880 4432

**Steffl Stanislav**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7143  
☎ 420 288 16 11  
✉ sstefl@sunstel.asu.cas.cz

**Steffl Vladimir**

Dpt Th Phys/Astrophys  
Masaryk Univ  
Kotlarska 2  
CZ 611 37 Brno  
Czech Rep  
☎ 420 5 4112 9482  
☎ 420 5 4121 1214  
✉ stefvl@astro.sci.muni.cz

**Stehle Chantal**

Observ  
DARC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7614  
☎ 33 1 45 07 7971  
✉ chantal.stehle@obspm.fr

**Steiger W R**

30 Kiele Pl  
Hilo HI 96720  
USA  
☎ 1 808 961 4980  
☎ 1 808 961 6516

**Steigman Gary**

Physics Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 292 1999

**Steiman-Cameron Thomas**

Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405 7105  
USA  
☎ 1 812 855 6912  
☎ 1 812 855 8725  
✉ tomsc@astro.indiana.edu

**Stein John William**

Dpt Mathematics  
Geneva College  
3200 College Ave  
Beaver Falls PA 15010  
USA  
☎ 1 724 847 6720  
☎ 1 724 847 5004  
✉ jstein@geneva.edu

**Stein Robert F**

Physics/Astronomy Dpt  
Michigan State Univ  
East Lansing MI 48824  
USA  
☎ 1 517 353 8661  
☎ 1 517 353 4500

**Stein Wayne A**

School Phys/Astronomy  
Univ Minnesota  
116 Church St SE  
Minneapolis MN 55455  
USA  
☎ 1 612 373 9963  
☎ 1 612 624 2029

**Steiner Joao E**

INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 22 9977  
☎ 55 123 21 8743

**Steiner Oskar**

Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 319 8222  
☎ 49 761 319 8111  
✉ steiner@  
kis.uni-freiburg.de

**Steinert Klaus Guenter**

Lorhmann Observ  
Dresden Tech Univ  
Mommensenstr 13  
D 01062 Dresden  
Germany  
☎ 49 351 463 4097  
☎ 49 351 463 7019  
✉ Steinert@  
rcs.urz.tu-dresden.de

**Steinitz Raphael**

Physics Dpt  
Ben Gurion Univ  
Box 653  
Beersheva 84105  
Israel  
☎ 972 57 70 985

**Steinle Helmut**

MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 89 3299 3374  
☎ 49 89 3299 3569  
✉ hcs@mpe.mpg.de

**Steinlin Uli**

Schulgasse 7  
CH 4105 Biel Benken  
Switzerland

**Steinolfson Richard S**

Southwest Res Inst  
6220 Culebra Rd  
San Antonio TX 78228 2510  
USA  
☎ 1 512 522 2822  
☎ 1 512 647 4325

**Stellingwerf Robert F**

LANL  
MS D413  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 662 3465  
☎ 1 505 667 3726  
✉ rfs@stellingwerf.com

**Stellmacher Goetz**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8057  
☎ 33 1 44 32 8001  
✉ stell@iap.fr

**Stellmacher Irene**

IMCCE  
Observatoire de Paris  
77 Av Denfert Rochereau  
F 75014 Paris  
France  
☎ 33 1 43 20 1210  
☎ 33 1 46 33 2834  
✉ Pascal.Descamps@bdl.fr

**Stencel Robert Edward**

Physics Dpt  
Univ Denver  
2112 E Wesley Av  
Denver CO 80208  
USA  
☎ 1 303 871 2135  
☎ 1 303 871 4405  
✉ rstencel@  
diana.cair.du.edu

**Stenflo Jan O**

Inst Astronomie  
ETH Zentrum  
CH 8092 Zurich  
Switzerland  
☎ 41 1 632 3804  
☎ 41 1 632 1205  
✉ stenflo@  
astro.phys.ethz.ch

**Stenholm Bjoern**

Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7306  
☎ 46 46 222 4614  
✉ bjorn@astro.lu.se

**Stenholm Lars**

Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
☎ 46 18 471 5999  
✉ stenholm@laban.uv.se

**Stepanian A A**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71179  
☎ 380 6554 40704  
✉ arnold@crao.crimea.ua

**Stepanian Jivan A**

SAO  
RAS  
Nizhij Arkhyz  
396167 Karachaevo-  
Cherkesia  
Russia  
☎ 7 878 78 46315  
☎ 7 901 49 82931  
✉ jstep@sao.ru

**Stepanian N N**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
☎ 380 6554 40704

**Stepanov Alexander V**

SAO  
Acad Sciences  
Pulkovskoe shosse 65/1  
196140 St Petersburg  
Russia  
☎ 7 812 123 4875  
☎ 7 812 123 4922  
✉ stepanov@gao.spb.ru

**Stephens S A**

TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 219 111  
☎ 91 22 495 2110

**Stephenson C Bruce**

Physics Dpt  
CWRU  
Rock Bdg  
Cleveland OH 44106  
USA  
☎ 1 216 368 6699  
✉ cbs3@po.cwru.edu

**Stephenson F Richard**

Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 19 13 742 153  
☎ 44 19 13 743 749  
✉ F.R.Stephenson@  
durham.ac.uk

**Stepien Kazimierz**

Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
☎ 48 22 29 4967  
✉ kst@astrouw.edu.pl

**Stepinski Tomasz**

LPI  
3600 Bay Area Blvd  
Houston TX 77058  
USA  
☎ 1 713 486 2170

**Sterken Christiaan Leo**

Astronomy WE/OBSS  
Univ Brussels  
Pleinlaan 2  
B 1050 Brussels  
Belgium  
☎ 32 2 629 3469  
☎ 32 2 629 3174  
✉ csterken@vub.ac.be

**Stern Robert Allan**

Lockheed Palo Alto Res Lb  
Dpt 91-41 Bg 252  
3251 Hanover St  
Palo Alto CA 94304 1191  
USA  
☎ 1 650 424 3272  
☎ 1 650 424 3994  
✉ stern@lmsal.com

**Stern S Alan**

Southwest Res Inst  
6220 Culebra Rd  
San Antonio TX 78238 5166  
USA  
☎ 1 303 546 9670  
☎ 1 303 546 9687  
✉ alan@swri.space.swri.edu

**Steshenko N V**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
☎ 380 6554 40704

**Stetson Peter B**

NRCC/HIA  
DAO  
5071 W Saanich Rd  
Victoria BC V8X 4M6  
Canada  
☎ 1 250 363 0029  
☎ 1 250 363 0045  
✉ stetson@dao.nrc.ca

**Stevens Gerard A**

SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5600  
☎ 31 30 254 0860

**Stevens Ian**

School Physics  
Univ Birmingham  
Box 363  
Birmingham B15 2TT  
UK  
☎ 44 12 14 143 565  
☎ 44 12 14 143 722  
✉ irs@star.sr.bham.ac.uk

**Stevens Bonita Alice**

Mathematics Dpt  
Glasgow Caledonia Univ  
Cowcaddens Rd  
Glasgow G4 0BA  
UK  
☎ 44 14 13 313 619  
☎ 44 14 13 313 608  
✉ bst@gecal.ac.uk

**Stewart John Malcolm**

Dpt Appl Maths/Theor Phys  
Silver Street  
Cambridge CB3 9EW  
UK  
☎ 44 12 23 337 00  
☎ 44 12 23 337 918

**Stewart Paul**

Mathematics Dpt  
Univ Manchester  
Oxford Rd  
Manchester M13 9PL  
UK  
☎ 44 161 275 4224  
① 44 161 275 4223

**Stewart Ronald T**

CSIRO  
Div Radiophysics  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
① 61 2 868 0310  
✉ rstewart@atnf.csiro.au

**Steyaert Herman**

Toegepaste Wiskunde Inf  
Universiteit Gent  
Krijgslaan 281 S9  
B 9000 Gent  
Belgium  
☎ 32 9 264 4805  
① 32 9 264 4995

**Stiavelli Massimo**

STScI  
3700 San Martin Dr.  
Baltimore MD 21218  
USA  
☎ 1 410 338 4835  
① 1 410 338 4796  
✉ mstiavel@stsci.edu

**Stibbs Douglas W N**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 881 111  
① 61 262 490 233  
✉ dwns@mso.anu.edu.au

**Stickland David J**

Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 123 544 6523  
① 44 123 544 5808

**Stier Mark T**

Perkin Elmer Corp  
MS 842  
100 Wooster Heights Rd  
Danbury CT 06810 7859  
USA  
☎ 1 203 797 5708  
① 1 203 797 6259  
✉ mstier@west.raytheon.com

**Stift Martin Johannes**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 835  
① 43 1 427 795 18  
✉ stift@astro.univie.ac.at

**Stinebring Daniel R**

Physics Dpt  
Oberlin College  
Oberlin OH 44074 1088  
USA

**Stirpe Giovanna M**

Osserv Astronom  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 630 5754  
① 39 051 630 5700  
✉ stirpe@bo.astro.it

**Stix Michael**

Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 328 64  
① 49 761 319 8111

**St-Louis Nicole**

Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 6932  
① 1 514 343 2071  
✉ stlouis@astro.umontreal.ca

**Stobie Robert S**

SAAO  
PO Box 9  
7935 Observatory  
South Africa  
☎ 27 21 447 0025  
① 27 21 447 3639  
✉ rss@sao.ac.za

**Stock Jurgen D**

CIDA  
Box 264  
Merida 5101 A  
Venezuela  
☎ 58 7 471 2780/3883  
① 58 7 471 2459  
✉ stock@cida.ve  
✉ stock@milkyway.cc.fc.ul.pt

**Stoche John T**

CASA  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0389  
USA  
☎ 1 303 492 1521  
① 1 303 492 7178

**Stockman Jr Hervey S**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4730  
① 1 410 338 2519

**Stockton Alan N**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 8566  
① 1 808 988 2790

**Stoeger William R**

Specola Vaticana  
VA 00120 Citta del Vaticano  
Vatican City State  
☎ 39 06 698 3411/520606  
① 39 06 698 84671

**Stoev Alexei**

Ast Observ  
62 Tzar Ivan Shishman Str  
BG 6000 Stara Zagora  
Bulgaria  
☎ 359 4 25 8198  
① 359 4 23 9474

**Stoker Pieter H**

Cosmic Ray Res Unit  
Potchefstroom Univ  
for CHE  
2520 Potchefstroom  
South Africa  
☎ 27 148 299 2423  
① 27 148 299 2421

**Stokes Grant H**

MIT Lincoln Lab  
MS 4 511  
244 Wood St  
Lexington MA 02420 9185  
USA  
☎ 1 781 981 7909  
① 1 781 981 4603  
✉ stokes@ll.mit.edu

**Stone Edward C**

CALTECH/JPL  
MS 180 904  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 3405  
① 1 818 393 4218

**Stone James McLellan**

Astronomy Dpt  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 2103  
① 1 301 314 9067  
✉ jstone@astro.umd.edu

**Stone R G**

NASA GSFC  
Code 690  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8631  
① 1 301 286 1683  
✉ Stone@urap.gsfc.nasa.gov

**Stone Remington P S**  
Lick Observ  
Mount Hamilton CA 95140  
USA  
☎ 1 831 459 5933  
① 1 831 459 5928  
✉ rem@lick.ucsc.edu

**Stone Ronald Cecil**  
USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 520 779 5132  
① 1 520 774 3626  
✉ rcs@nofs.navy.mil

**Storchi-Bergman Thaisa**  
Inst Fisica  
UFRGS  
CP 15051  
91501 970 Porto Alegre RS  
Brazil  
☎ 55 513 16 6449  
① 55 513 19 1762

**Storey John W V**  
School Physics  
UNSW  
Box 1  
Kensington NSW 2033  
Australia  
☎ 61 262 97 4591  
① 61 262 68 8786

**Storey Michelle**  
Dpt Th Physics  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 692 2538  
① 61 2 660 2903

**Storm Jesper**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Postdam  
Germany  
☎ 49 331 7499 394  
① 49 331 7499 267

**Stotskii Alexander A**  
Inst Appl Astronomy  
Zhdanovskaya St 8  
197110 St Petersburg  
Russia  
☎ 7 812 235 3316\*118  
① 7 812 230 7413  
✉ stotskii@isida.ipa.rssi.ru

**Strachan Leonard Jr**  
CfA  
HCO/SAO MS 50  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7569  
① 1 617 495 7455  
✉ lstrachan@  
cfa.harvard.edu

**Strafella Francesco**  
Dpt Fisica  
Univ d Lecce  
Via Per Arnesano  
I 73100 Lecce  
Italy  
☎ 39 08 326 27/247

**Straizys V**  
Inst Theor Physics/  
Astronomy  
Gostauto 12  
LT Vilnius 2600  
Lithuania  
☎ 370 2 613 440  
① 370 2 818 464  
✉ strazys@itpa.lt

**Strassmeier Klaus G**  
Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 880  
① 43 1 427 795 18  
✉ strassmeier@  
avia.una.ac.at

**Straumann Norbert**  
Inst Theor Physics  
Univ Zuerich  
Winterthurerstr 190  
CH 8057 Zurich  
Switzerland  
☎ 41 1 257 5815  
① 41 1 257 5704

**Strazzulla Giovanni**  
Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2111  
① 39 095 733 0592  
✉ gianni@alpha4.ct.astro.it

**Strelnitski Vladimir**  
Maria Mitchell Observ  
3 Vestal St  
Nantucket MA 02554  
USA  
✉ vladimir@mno.org

**Strigatchev Anton**  
Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
① 359 2 75 8927  
✉ antonst@phys.acad.bg

**Stringfellow Guy Scott**  
CASA  
Univ Colorado  
Campus Box 389  
Boulder CO 80309 0389  
USA  
☎ 1 303 492 6056  
① 1 303 492 4052  
✉ guy@casa.colorado.edu

**Strittmatter Peter A**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 6532  
① 1 520 621 1532

**Strobel Andrzej**  
Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018  
① 48 56 24 602

**Strobel Darrell F**  
Dpt Earth/Planet Sci  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 338 7034  
① 1 410 338 7933

**Strohmer Tod E**  
NASA/GSFC  
Code 662  
Greenbelt MD 20771  
USA  
☎ 1 301 286 1256  
① 1 301 286 0708  
✉ stroh@  
clarence.gsfc.nasa.gov

**Strohmeier Wolfgang**  
Volkfeldstr 5  
D 8600 Bamberg  
Germany  
☎ 49 951 553 94

**Strom Karen M**  
Astronomy Dpt  
Univ Massachusetts  
GRC 518 B 6732  
Amherst MA 01002  
USA  
☎ 1 413 545 2290

**Strom Richard G**  
NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
① 31 521 59 7332  
✉ strom@nfra.nl

**Strom Robert G**  
Dpt Planetary Sciences  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 2720  
① 1 520 621 4933  
✉ rstrom@  
pirrl.lpl.arizona.edu

**Strom Stephen E**

Dpt Phys/Astronomy  
Univ Massachusetts  
GRC 518 B  
Amherst MA 01003  
USA

☎ 1 413 545 2290  
☎ 1 413 545 4223

✉ sstrom@  
donald.phast.umass.edu

**Strong Ian B**

229 Rio Brave Dr  
White Rock NM 87544  
USA

**Strong Keith T**

Lockheed Palo Alto Res Lb  
Dpt 91 30 Bg 252  
3251 Hanover St  
Palo Alto CA 94304 1191  
USA

☎ 1 415 354 5136  
☎ 1 415 424 3994

✉ strong@  
sag.space.lockheed.com

**Struble Mitchell F**

Dpt Astron/Astrophys  
Univ Pennsylvania  
David Rittenhouse Lab  
Philadelphia PA 19104  
USA

☎ 1 215 243 8176  
☎ 1 215 898 9336

**Struck-Marcell Curtis J**

Physics Dpt  
Iowa State Univ  
Ames IA 50011  
USA

☎ 1 515 294 5440  
☎ 1 515 294 3262

**Strukov Igor A**

Space Res Inst  
Acad Sciences  
PrBoxsojuznaya U1 84/32  
117810 Moscow  
Russia

☎ 7 095 333 1466  
☎ 7 095 310 7023

**Stryker Linda L**

Arizona State Univ West  
Box 37100  
Phoenix AZ 85069 7100  
USA

☎ 1 602 543 6000  
☎ 1 602 543 6004

✉ stryker@phyast.la.asu.edu

**Stumpff Peter**

am StGeorgsfeld 44  
D 17489 Greifswald  
Germany

✉ p.stuhgw@t-online.de

**Sturch Conrad R**

STSci/CSC  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA

☎ 1 410 338 4856  
☎ 1 410 338 4767

**Sturrock Peter A**

Ctr for Space Sci/  
Astrophysics  
Stanford Univ ERL 306  
Stanford CA 94305 4055  
USA

☎ 1 415 723 1438  
☎ 1 415 725 2333

✉ sturrock@  
flare.stanford.edu

**Stutz Juergen**

Erstes Physikl Inst  
Univ Koeln  
Zuelpicherstr 77  
D 50937 Koeln  
Germany

☎ 49 221 470 3494/3567  
☎ 49 221 470 5162

✉ stutzki@  
ph1.uni-koeln.de

**Su Ding-Qiang**

Inst Astron Optics  
& Technology  
NAOC  
Nanjing 210042  
China PR

☎ 86 25 540 5562  
☎ 86 25 540 5562

✉ dqsu@nairc.ac.cn

**Su Hongjun**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR

☎ 86 10 6487 7288  
☎ 86 10 6487 7288

✉ hjsu@bao.ac.cn

**Subrahmanya C R**

RRI  
Sadashivanagar  
CV Raman Ave  
Bangalore 560 080  
India

☎ 91 80 334 0122  
☎ 91 80 334 0492

**Subrahmanyam P V**

Astronomy Dpt  
Univ Osmania  
Hyderabad 500 007  
India

☎ 91 40 701 8951  
☎ 91 40 701 9020

✉ pvs@ouastr.ernet.in

**Subramanian K R**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India

☎ 91 80 553 0672 76  
☎ 91 80 553 4043

✉ subra@iiap.ernet.in

**Subramanian Kandaswamy**

NCRA TIFR  
Pune Univ Campus Pb 3  
Ganeshkhind  
Pune 411 007  
India

☎ 91 212 33 7107  
☎ 91 212 33 5760

**Suda Kazuo**

Astron Inst  
Tohoku Univ  
Sendai Aoba  
Miyagi 980  
Japan

☎ 81 222 22 1800  
☎ 81 222 62 6609

**Sudzius Jokubas**

Astron Observ  
Ciurlionio 29  
LT Vilnius 2009  
Lithuania

☎ 370 2 333 343  
☎ 370 2 335 648

✉ jokubas.sudzius@ff.vu.lt

**Suematsu Yoshinori**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan

☎ 81 422 41 3705  
☎ 81 422 41 3700

✉ suematsu@  
spot.mtk.nao.ac.jp

**Suess Steven T**

NASA MSFC  
Space Science Lab  
Code ES 52  
Huntsville AL 35812  
USA

☎ 1 205 453 2824  
☎ 1 205 544 7754

**Sugai Hajime**

Astronomy Dpt  
Kyoto Univ  
Kitashirakawa Sakyo-ku  
Kyoto 606-8502  
Japan

☎ 81 75 753 3898  
☎ 81 75 753 3897

✉ sugai@  
kusastro.kyoto-u.ac.jp

**Sugawa Chikara**

Hananoi 1586 25  
Kashiwa Shi  
Chiba Ken 277  
Japan

☎ 81 471 33 3825

**Sugimoto Daiichiro**

Univ the Air  
2-11 Wakaba  
Mihama-ku  
Chiba 261 8586  
Japan

☎ 81 43 298 4180  
☎ 81 43 298 4180

✉ sugimoto@u-air.ac.jp

- Suginohara Tatsushi**  
Physics Dpt  
Univ Tokyo  
7 3 1 Hongo Bunkyo-ku  
Tokyo 113  
Japan  
☎ 81 338 12 2111\*4177  
☎ 81 356 84 9642  
✉ tatsushi@phys.s.u-tokyo.ac.jp
- Sugitani Koji**  
College General Education  
Nagoya City Univ  
Mizuho Ku  
Nagoya 467  
Japan  
☎ 81 528 72 5846  
☎ 81 528 82 3075
- Sugiyama Naoshi**  
Physics Dpt  
Univ Tokyo  
Hongo 7 3 1 Bunkyo-ku  
Kyoto 113  
Japan  
☎ 81 338 12 2111\*4191  
☎ 81 356 89 0465
- Suh Kyung-Won**  
Dpt Astronomy/Space Sci  
Chungbuk Ntl Univ  
San 48 Gaeshin Dong  
Cheongju 360 763  
Korea RP  
☎ 82 431 61 2315  
☎ 82 431 67 4232  
✉ kwsuh@cbucc.cbnu.ac.kr
- Sukartadiredja Darsa**  
Planetarium Dki  
Jl Cikini Raya 73  
Jakarta 10330  
Indonesia  
☎ 62 21 377 530
- Sukumar Sundarajan**  
2007 Rose Street  
Berkeley CA 94709  
USA  
☎ 1 250 493 776  
✉ sukumar@kerns.berkeley.edu
- Sulentic Jack W**  
Dpt Phys/Astronomy  
Univ Alabama  
Box 870324  
Tuscaloosa AL 35487  
USA  
☎ 1 205 348 3798  
☎ 1 205 348 5051  
✉ giacomo@merlot.astr.ua.edu
- Sullivan Denis John**  
Physics Dpt  
Victoria Univ  
Private Bag  
Wellington  
New Zealand  
☎ 64 721 000  
✉ sullivan@matai.vuw.ac.nz
- Sullivan Woodruff T**  
Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 543 7773  
☎ 1 206 685 0403  
✉ woody@astro.washington.edu
- Sultanov G F**  
Shemakha Astrophysical  
Observ  
Azerbaijan Acad Sci  
373243 Shemakha  
Azerbaijan  
☎ 994 89 22 39 8248
- Summers Hugh P**  
UK Culham Lab  
Jet Joint Undertaking  
Abingdon OX14 3EA  
UK  
☎ 44 12 35 28822
- Sun Jin**  
Astronomy Dpt  
Beijing Normal Univ  
Beijing 100875  
China PR  
☎ 86 1 65 6531\*6285  
☎ 86 1 201 3929
- Sun Kai**  
Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 1 28 2471\*3888
- Sun Wei-Hsin**  
Inst Phys/Astronomy  
Ntl Central Univ  
Chung Li Taiwan 32054  
China R  
☎ 886 3 425 4960  
☎ 886 3 426 2304  
✉ sun@angel.phy.ncu.edu.tw
- Sun Yisui**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 37551  
☎ 86 25 330 2728
- Sun Yongxiang**  
Inst Geodesy/  
Geophysics  
Xu Dong Lu  
Wuchang 430077  
China PR
- Sunada Kazuyoshi**  
Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan  
☎ 81 267 984 384  
☎ 81 267 982 927  
✉ sunada@nro.nao.ac.jp
- Sundin Maria I**  
Dpt Physics  
Gothenburg Univ/Chalmers  
SE 41296 Gothenburg  
Sweden  
☎ 46 31 772 31 38  
☎ 46 31 772 32 02  
✉ tfams@fy.chalmers.se
- Sundman Anita**  
Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden  
☎ 46 8 717 0634  
☎ 46 8 717 4719  
✉ sundman@astro.su.se
- Suntzeff Nicholas B**  
NOAO  
CTIO  
Casilla 603  
La Serena  
Chile  
☎ 56 51 22 5415  
☎ 56 51 20 5342  
✉ nsuntzeff@noao.edu
- Sunyaev Rashid A**  
Space Res Inst  
Acad Sciences  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 3373  
☎ 7 095 310 7023  
✉ rsunyaev@eso.org
- Suran Marian Doru**  
Astron Inst  
Romanian Acad Sci  
Cutitul de Argint 5  
RO 75212 Bucharest  
Romania  
☎ 40 1 641 3686  
☎ 40 1 312 3391  
✉ suran@roastro.astro.ro
- Surdej Jean M G**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4984  
☎ 1 410 338 4767  
✉ surdej@stsci.edu
- Surdin Vladimir G**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1616  
☎ 7 095 932 8841  
✉ surdin@sai.msu.ru
- Sutantyo Winardi**  
Bosscha Observ  
ITB Lembang  
Lembang 40391  
Indonesia  
☎ 62 22 229 6001  
☎ 62 22 278 7289  
✉ sutantyo@bdg.centrin.net.id

**Sutherland Peter G**  
Physics Dpt  
McMaster Univ  
Hamilton ON L8S 4M1  
Canada

☎ 1 416 525 9140  
① 1 416 546 1252

**Sutherland William**  
Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RH  
UK

☎ 44 186 527 3310  
① 44 186 527 3418  
✉ wjs@astro.ox.ac.uk

**Suto Yasushi**

Physics Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan

☎ 81 338 12 3111\*4195  
① 81 356 84 9642

**Sutton Edmund Charles**

Dpt Astron/Physics  
Univ Illinois  
1002 W Green St  
Urbana IL 61801  
USA

☎ 1 217 333 9339  
① 1 217 244 7638  
✉ sutton@astro.uiuc.edu

**Suzuki Hideyuki**

Dpt Physics  
Science Univ Tokyo  
Yamazaki 2641, Noda  
Chiba 278 8510  
Japan

☎ 81 471 24 1501\*3207  
① 81 471 23 9361  
✉ suzuki@  
ph.noda.sut.ac.jp

**Suzuki Tomoharu**

Univ Tokyo  
School Sciences  
7-3-1 Hongo, Bunkyo-ku  
Tokyo 113 0034  
Japan

☎ 81 3 5841 4272  
① 81 3 5841 7644  
✉ suzuki@  
astron.s.u-tokyo.ac.jp

**Svalgaard Leif**

Hertogenlaan 31  
B 3202 Lubbeek  
Belgium

**Svechnikova Maria A**

Astronomy Dpt  
Uralskij State Univ  
Lenin Pr 51

620083 Sverdlovsk  
Russia  
☎ 7 343 222 0729  
① 7 343 222 3386

**Svensson Roland**

Stockholm Observ  
Royal Swedish Acad Sci  
SE 133 36 Saltsjoebaden  
Sweden

☎ 46 8 716 4472  
① 46 8 717 4719  
✉ svensson@astro.su.se

**Sveshnikov Mikhail**

Inst Theoret Astron  
Acad Sciences  
N Kutuzova 10

191187 St Petersburg  
Russia  
☎ 7 812 275 0360  
① 7 812 272 7968  
✉ 1088@iipah.spb.su

**Svestka Jiri**

Observ  
Petrin 205  
CZ 118 46 Praha 1  
Czech Rep  
☎ 420 2 53 53513  
① 420 2 25 8940

**Svestka Zdenek**

SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands  
☎ 31 30 253 5600  
① 31 30 254 0860

**Svolopoulos Sotirios**

Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece

☎ 30 1 724 3414  
① 30 1 723 5122

**Svoren Jan**

Astron Inst  
Slovak Acad Sci  
SK 059 60 Tat. Lomnica  
Slovakia

☎ 421 969 446 7866  
① 421 969 446 7656

**Swade Daryl Allen**

STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA

☎ 1 410 338 4480  
① 1 410 338 4767  
✉ swade@stsci.edu

**Swanenburg B N**

SRON  
Sorbonnelaan 2  
NL 3584 CA Utrecht  
Netherlands

☎ 31 30 253 5600  
① 31 30 254 0860

**Swank Jean Hebb**

NASA GSFC  
Code 666  
Greenbelt MD 20771  
USA

☎ 1 301 286 9167  
① 1 301 286 3391

**Swarup Govind**

NCRA TIFR  
Pune Univ Campus Pb 3  
Ganeshkhind  
Pune 411 007  
India

☎ 91 212 33 6111  
① 91 212 33 5760

**Sweet Peter A**

Dpt Physics / Astron  
The University  
Glasgow G12 8QQ  
UK

☎ 44 14 13 398 855\*4502  
① 44 14 13 349 029

**Sweigart Allen V**

NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA

☎ 1 301 286 6274  
✉ sweigart@  
ach.gsfc.nasa.gov

**Sweitzer James Stuart**

Rose Ctr Earth/Space  
Americ Museum Ntrl  
History  
Central Park West at 79th  
Street  
New York NY 10024  
USA

☎ 1 212 769 5808  
① 1 212 496 3555  
✉ sweitzer@amnh.org

**Swenson Jr George W**

Dpt Elect/Computer Eng  
Univ Illinois  
1406 W Green St  
Urbana IL 61801  
USA

☎ 1 217 333 4498

**Swensson John W**

Physics Dpt  
Univ Lund  
Soelvegatan 14 A  
SE 223 62 Lund  
Sweden

☎ 46 46 222 7000  
① 46 46 222 4709

**Swerdlow Noel**

Astronomy/Astrophys Ctr  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA

☎ 1 312 962 7969  
① 1 312 702 8212

**Swings Jean-Pierre**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium

☎ 32 4 254 7515  
① 32 4 254 7511  
✉ swings@astro.ulg.ac.be

**Syer David**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany

☎ 49 893 299 3216  
① 49 893 299 3235  
✉ syer@  
mpa-garching.mpg.de

**Sygnét Jean-Francois**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8094  
☎ 33 1 44 32 8001  
✉ sygnét@iap.fr

**Sykes Mark Vincent**

Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 2054  
☎ 1 520 621 1532  
✉ msykes@as.arizona.edu

**Sykora Julius**

Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 96 7866  
☎ 421 969 96 7656

**Sylvester Roger**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
☎ 44 171 380 7145  
✉ rjs@star.ucl.ac.uk

**Sylwester Barbara**

Space Res Ctr  
Acad Sciences  
Ul Kopernika 11  
PL 51 622 Wroclaw  
Poland  
☎ 48 71 372 9373/74  
☎ 48 71 372 9378  
✉ bs@cbk.pan.wroc.pl

**Sylwester Janusz**

Space Res Ctr  
Acad Sciences  
Ul Kopernika 11  
PL 51 622 Wroclaw  
Poland  
☎ 48 71 372 9373/74  
☎ 48 71 372 9378  
✉ js@cbk.pan.wroc.pl

**Synnott Stephen P**

CALTECH/JPL  
MS 264 686  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 6933  
☎ 1 818 393 6030

**Szabados Laszlo**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
☎ 36 1 275 4668

**Szafraniec Rozalia**

Ul Kopernika 27  
PL 31 501 Krakow  
Poland

**Szalay Alex**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 7217  
☎ 1 410 516 5096  
✉ szalay@pha.jhu.edu

**Szatmary Karoly**

Physics Dpt  
Jate Univ  
Dom ter 9  
HU 6720 Szeged  
Hungary  
☎ 36 6 231 1622  
☎ 36 3 631 1154  
✉ k.szatmary@  
physx.u-szeged.hu

**Szczerba Ryszard**

NCAC  
Polish Acad Sciences  
Ul Rabińska 8  
PL 87 100 Torun  
Poland  
☎ 48 56 19 249  
☎ 48 56 19 381  
✉ szczerba@ncac.torun.pl

**Szecsényi-Nagy Gabor**

Astronomy Dpt  
Eotvos Univ  
Ludovika ter 2  
HU 1083 Budapest  
Hungary  
☎ 36 1 114 1019  
☎ 36 1 210 1089  
✉ szena@ludens.elte.hu

**Szego Karoly**

Central Res Inst  
for Physics  
Box 49  
HU 1525 Budapest  
Hungary  
☎ 36 1 551 682  
☎ 36 1 696 567

**Szeidl Bela**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
☎ 36 1 275 4668

**Szkody Paula**

Astronomy Dpt  
Univ Washington  
Box 351580  
Seattle WA 98195 1580  
USA  
☎ 1 206 543 1988  
☎ 1 206 685 0403  
✉ szkody@  
astro.washington.edu

**Szostak Roland**

Inst Didaktik Physik  
Westfälische Wilhelms Uni  
Wilhelm Klemm Str 10  
D 48149 Münster  
Germany  
☎ 49 251 839 386/7  
☎ 49 251 832 090

**Szymanski Michal**

Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
☎ 48 22 629 4967  
✉ msz@  
sirius.astro.uw.edu.pl



## T

**Taam Ronald Everett**  
Dearborn Observ  
NW Univ  
2131 Sheridan Rd  
Evanston IL 60208 3112  
USA  
☎ 1 847 491 7528  
① 1 847 491 3135

**Tabara Hiroto**  
Fac Education  
Utsunomiya Univ  
Minemachi  
Utsunomiya 321  
Japan  
☎ 81 286 36 1515

**Taboada Ramon Rodriguez**  
Inst Geophys/Astron  
C 212 N 2906/29 Y 31  
Lisa  
La Habana  
Cuba  
☎ 537 21 8435

**Taborda Jose Rosa**  
Fac Sciences  
Astron Observ  
R Esc Politecnica 58  
P 1200 Lisboa  
Portugal

**Tacconi Linda J**  
MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 3873  
① 49 893 299 3569  
✉ linda@  
hethp.mpe-garching.mpg.de

**Tacconi-Garman Lowell E**  
MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 3288  
① 49 893 299 3569  
✉ lowell@  
mpa-garching.mpg.de

**Tadamaru Eugene**  
Astronomy Dpt  
Univ Massachusetts  
Amherst MA 01002  
USA  
☎ 1 413 545 4301

**Tafalla Mario**  
Observ  
Nacional  
Apt 1143  
E 28800 Alcalá de Henares  
Spain  
☎ 34 918 85 5060  
① 34 918 85 5062  
✉ tafalla@oan.es

**Taff Laurence G**  
5208 Springlake Way  
Baltimore MD 21212 3240  
USA  
☎ 1 410 338 4799  
① 1 410 338 4796

**Tagger Michel**  
Service Astrophysique  
CEA Saclay  
Orme d Merisiers Bt 709  
F 91191 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 5607  
① 33 1 69 08 6577  
✉ tagger@cea.fr

**Tagliaferri Gianpiero**  
Osserv Astronomico  
d Milano  
Via E Bianchi 46  
I 22055 Merate  
Italy  
☎ 39 09 906 412  
① 39 09 908 492  
✉ tagliaf@  
merate.mi.astro.it

**Tago Erik**  
Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 410 434  
① 372 7 410 205  
✉ erik@aai.ee

**Tagoshi Hideyuki**  
Dpt Earth/Space Sci  
Faculty Sciences, Osaka  
Univ  
Machikaneyama-cho,  
Toyonaka  
Osaka 560 0043  
Japan  
☎ 81 6 6850 5483  
① 81 6 6850 5504  
✉ tagoshi@  
vega.ess.sci.osaka-u.ac.jp

**Takaba Hiroshi**  
Fac Eng  
Gifu Univ  
1 1 Yanagito  
Gifu 501 1193  
Japan  
☎ 81 582 93 3054  
① 81 81 293 3057  
✉ takaba@cc.gifu-u.ac.jp

**Takada-Hidai Masahide**  
Res Inst Civilization  
Tokai Univ  
1117 Kitakaname Hiratsuka  
Kanagawa 259 12  
Japan  
☎ 81 463 58 1211\*4813  
① 81 463 29 4047  
✉ hidai@  
keyaki.cc.u-tokai.ac.jp

**Takagi Kojiro**  
Physics Dpt  
Toyama Univ  
3190 GBoxuku  
Toyama 930  
Japan  
☎ 81 764 23 4716  
① 81 764 45 6549

**Takagi Shigetsugu**  
Dpt Fisica/CCE/UFRN  
Univ Federal  
Do Rio Grande d Norte  
59072 970 Natal RN  
Brazil  
☎ 55 84 231 9586  
① 55 84 231 9749

**Takahara Fumio**  
Fac Sciences  
Osaka Univ  
Machikaneyama  
Toyonaka Osaka 560 0043  
Japan  
☎ 81 426 77 1111\*3348  
① 81 426 77 2483  
✉ takahara@  
vega.ess.sci.osaka-u.ac.jp

**Takahara Mariko**  
Doshisha Women's Col  
Liberal Arts  
Imadegawa-dori Teramachi-  
nishiiru  
Kamigyo-ku  
Kyoto 602- 0893  
Japan  
☎ 81 75 251 4111  
① 81 75 251 4288  
✉ e50334@  
sakura.kudpc.kyoto-u.ac.jp

**Takahashi Junko**  
Nat Astron Observ  
Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3704  
① 81 422 34 3840  
✉ junko.takahashi@  
nao.ac.jp

**Takahashi Koji**  
Systems Science  
Tokyo Univ  
3 8 1 Komaba  
Meguro Tokyo 153 8902  
Japan  
☎ 81 427 51 3911  
① 81 427 59 4253  
✉ takahasi@astro.isas.ac.jp

**Takahashi Masaaki**

Dpt Phys/Astronomy  
Aichi Univ Edu  
Kariya  
Aichi 448  
Japan  
☎ 81 566 36 3111\*538  
📞 81 566 36 4337  
✉ takahasi@  
auephyas.aichi-edu.ac.jp

**Takahashi Tadayuki**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 59 8150  
📞 81 427 59 8455  
✉ takahasi@astro.isas.ac.jp

**Takakubo Keiya**

Mukai Yama 1 3 20  
Taihaku  
Sendai 982  
Japan

**Takakura Tatsuo Emer**

Astronomy Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 381 22 111  
📞 81 338 13 9439

**Takalo Leo O**

Turku Univ  
Tuorla Observ  
Vaesisaelaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 274 4258  
📞 358 2 243 3767  
✉ takalo@kontu.utu.fi

**Takami Hideki**

Ntl Astron Observ  
2 21 1 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3865  
📞 81 422 34 3864  
✉ takami@  
optik.mtk.nao.ac.jp

**Takano Toshiaki**

Grad School Sci /  
Technology  
Chiba Univ  
Inage 1- 33  
Chiba 263 - 8522  
Japan  
☎ 81 43 290 3311  
✉ takano@  
cute.te.chiba-u.ac.jp

**Takarada Katsuo**

Kyoto Inst Techn  
Matsugasaki  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 91 3211  
📞 81 75 753 7010

**Takase Bunshiro**

2-6-28 Shin-Shirakawa B J  
Aoba-Ku  
Yokohama 225 0003  
Japan  
✉ b-takase@fd.catv.ne.jp

**Takata Masao**

Inst Astronomy  
Univ Cambridge  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 766 098  
📞 44 12 23 337 523  
✉ takata@ast.cam.ac.uk

**Takata Tadafumi**

Subaru Telescope  
650 N A'Ohoku Place  
Hilo HI 96720  
USA  
☎ 1 808 934 5978  
📞 1 808 934 5099  
✉ takata@naoj.org

**Takato Naruhisa**

Ntl Astron Observ  
Osawa 2 21 1  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3909  
📞 81 422 34 3864  
✉ takato@  
optik.mtk.nao.ac.jp

**Takayanagi Kazuo**

Oji Honcho 1 3 10  
Kita Ku  
Tokyo 114  
Japan  
☎ 81 339 09 8591  
📞 81 339 09 8594  
✉ takakazu@  
se.shibaura-it.ac.jp

**Takeda Hidenori**

Dpt Aeronautic Engineer  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 53 7008  
📞 81 757 53 7010

**Takeda Yoichi**

Inst Astronomy  
Univ Tokyo  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 41 3739  
📞 81 422 41 3749

**Takenouchi Tadao**

1 28 30 Kichijyoji Kita  
Machi  
Musashino Shi  
Tokyo 180  
Japan

**Takeuti Mine**

Geophys Inst  
Tohoku Univ  
Aoba ku  
Sendai 980 77  
Japan  
☎ 81 222 217 6512  
📞 81 222 217 6513  
✉ takeuti@  
astroa.astr.tohoku.ac.jp

**Talavera A**

ESA  
Apt 50727 Villafranca  
E 28080 Madrid  
Spain  
☎ 34 1 813 1100  
📞 34 1 813 1139

**Talbot Jr Raymond J**

The Aerospace Corporation  
1927 Curtis Av  
Redondo Beach CA 90278  
USA  
☎ 1 213 379 9927

**Talon Raoul**

CESR  
BP 4346  
F 31029 Toulouse Cdx  
France  
☎ 33 5 61 55 6666  
📞 33 5 61 55 6701

**Talon Suzanne**

CERCA  
Dpt Phys, Univ de Montreal  
5160 boul Decarie  
Montreal H3X 2H9  
Canada  
☎ 1 514 369 5234  
📞 1 514 369 3880  
✉ talon@cerca.umontreal.ca

**Talwar Satya P**

Dpt Phys/Astrophys  
Univ Delhi  
New Delhi 110 007  
India  
☎ 91 11 291 8993

**Tamenaga Tatsuo**

Fac Education  
Mie Univ  
Tsu-shi  
Mie 514  
Japan

**Tammann Gustav Andreas**

Astronomisches Inst  
Univ Basel  
Venusstr 7  
CH 4102 Binningen  
Switzerland  
☎ 41 61 205 5454  
📞 41 61 205 5455  
✉ tammann@  
baclu.unibas.ch

**Tamura Motohide**

Ntl Astron Observ  
2 21 1 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3705  
📞 81 422 34 3608  
✉ otamura@  
c1.mtk.nao.ac.jp

**Tamura Shin'ichi**

Astronomy Dpt  
Tohoku Univ  
Aramaki  
Sendai 980  
Japan  
☎ 81 222 22 1800  
✉ tamura@astro.astr.tohoku.ac.jp

**Tan Huisong**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
☎ 86 871 717 1845  
✉ a516@pulic.km.yn.cn

**Tanabe Hiroyoshi**

1715-8 Takoa-Cho  
Hachiohji  
Tokyo 193 0844  
Japan

**Tanabe Kenji**

Okayama Univ Science  
1-1 Ridai-cho  
Okayama 700  
Japan  
☎ 81 862 52 3161  
☎ 81 862 55 3847

**Tanabe Toshihiko**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5111  
☎ 81 422 34 3793

**Tanaka Masuo**

Inst Astronomy  
Univ Tokyo  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 41 3743  
☎ 81 422 41 3749

**Tanaka Riichiro**

6451-7 Igarasi-Ichinocho  
Niigatashi  
Niigata 950 2101  
Japan

**Tanaka Wataru**

Optics/IR Astro Div  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3603  
☎ 81 422 34 3608  
✉ otanak2@c1.mtk.nao.ac.jp

**Tanaka Yasuo**

MPI Extraterr Physik  
D 85748 Garching  
Germany  
☎ 49 89 329 93603  
☎ 49 89 329 93569  
✉ ytanaka@mpe.mpg.de

**Tanaka Yasuo**

Physics Dpt  
Ibaraki Univ  
Bunkyo  
Mito 310  
Japan  
☎ 81 292 26 1621\*372

**Tanaka Yutaka D**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 - 8510  
Japan

**Tancredi Gonzalo**

Dpt Astronomia  
Fac Humani/Ciencia  
Tristan Naraja 1674  
Montevideo 11200  
Uruguay  
☎ 598 2 418 004  
☎ 598 2 421 957  
✉ gonzalo@fisica.edu.uy

**Tandberg-Hanssen Einar A**

NASA MSFC  
Space Science Lab  
Code ES 01  
Huntsville AL 35812  
USA  
☎ 1 205 544 7578  
☎ 1 205 544 7754  
✉ tandberg@msfc.nasa.gov

**Tandon S N**

IUCAA  
PO Box 4  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 212 351 414/5  
☎ 91 212 350 760  
✉ sntandon@iucaa.ernet.in

**Tang Yuhua**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 37651  
☎ 86 25 330 2728  
✉ yhtang@nju.edu.cn

**Tango William J**

School Physics  
UNSW  
Sydney NSW 2006  
Australia  
☎ 61 2 692 3953  
☎ 61 2 660 2903  
✉ tango@physics.su.oz.au

**Taniguchi Yoshiaki**

Astron Inst  
Tohoku Univ  
Aramaki Aoba  
Sendai 980 8578  
Japan  
☎ 81 22 217 6508  
☎ 81 22 217 6513  
✉ tani@astr.tohoku.ac.jp

**Tanikawa Kiyotaka**

Ntl Astron Observ  
2 21 1 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 442 34 3634  
☎ 81 442 34 3746  
✉ tanikawa@ferio.mtk.nao.ac.jp

**Tanzella-Nitti Giuseppe**

Roman Athenaeum The  
Holy Cross  
S Girolamo d Carita 64  
I 00186 Roma  
Italy

**Tanzi Enrico G**

IFCTR CNR  
Univ d Milano  
Via E Bassini 15  
I 20133 Milano  
Italy  
☎ 39 02 236 3542  
☎ 39 02 266 5753

**Tao Jun**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
☎ 86 21 6438 4618  
✉ taojun@center.shao.ac.cn

**Tapde Suresh Chandra**

NCRA TIFR  
Pune Univ Campus Pb 3  
Ganeshkhind  
Pune 411 007  
India  
☎ 91 212 351 414/5  
☎ 91 212 350 760  
✉ sct@gmrt.ernet.in

**Tapia Mauricio**

Observ  
UNAM  
Apt 877  
Ensenada BC 22800  
Mexico  
☎ 52 6 174 4580  
☎ 52 6 174 4607

**Tapia-Perez Santiago**

SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 812 298 2346  
☎ 7 812 123 4038  
✉ tapia@plk.af.mil

**Tapley Byron D**

Aerospace Eng Dpt  
Univ Texas  
WRW 402  
Austin TX 78712  
USA  
☎ 1 512 471 1356

- Tapping Kenneth F**  
NRCC/HIA  
100 Sussex Dr  
Ottawa ON K1A 0R6  
Canada  
☎ 1 613 991 5842  
📠 1 613 952 6602
- Tarady Vladimir K**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 62286  
📠 380 4426 62147  
✉ tarady@mao.kiev.ua
- Tarasov Anatolii E**  
Crimean Astrophys Observ  
Naukove  
Bakhchisarai region  
Crimea 334413  
Ukraine  
☎ 380 6545 712 69  
📠 380 6545 407 04  
✉ tarasov@crao.crimea.ua
- Tarengi Massimo**  
ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6236  
📠 49 893 202 362
- Tarnstrom Guy**  
MIT Lincoln Lab  
MS S4 241  
Box 73  
Lexington MA 02173  
USA  
☎ 1 617 863 5500
- Tarrab Irene**  
221 r La Fayette  
F 75010 Paris  
France
- Tarter C Bruce**  
LLNL  
L 295  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 415 422 4169  
📠 1 415 423 0238
- Tarter Jill C**  
Director  
SETI Institute  
2035 Landings Dr  
Mountain View CA 94043  
USA  
☎ 1 415 960 4555  
📠 1 415 968 5830  
✉ tarter@seti.org
- Taruya Atsushi**  
Dpt Physics/Center Early  
Universe  
School Sciences  
Univ Tokyo, Bunkyo-ku  
Tokyo 113 0033  
Japan  
☎ 81 3 5841 4177  
📠 81 3 5841 4224  
✉ ataruya@  
utap.phys.s.u-tokyo.ac.jp
- Tashiro Makoto**  
Physics Dpt  
Univ Tokyo  
7 3 1 Hongo Bunkyo-ku  
Tokyo 113  
Japan  
☎ 81 338 12 2111\*4171  
📠 81 338 12 6938  
✉ tashiro@  
phys.s.u-tokyo.ac.jp
- Tassoul Jean-Louis**  
6000 Ch deacon App J2  
Montreal QC H3S 2T9  
Canada  
✉ tassoulj@  
mageflan.umontreal.ca
- Tassoul Monique**  
6000 Ch deacon App J2  
Montreal QC H3S 2T9  
Canada  
✉ tassoul@  
mageflan.umontreal.ca
- Tatematsu Ken'ichi**  
NAOJ  
2-21-1 Osawa, Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3780  
📠 81 422 34 3764  
✉ tatmatsu@nro.nao.ac.jp
- Tatevyan S K**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
📠 7 095 230 2081  
✉ statev@inasan.rssi.ru
- Tateyama Claudio Eiichi**  
CRAAE INPE  
EPUSP/PTR  
CP 61548  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 815 5936  
📠 55 11 815 6289
- Taton Rene**  
Centre Alexandre Koyre  
57 r Cuvier  
Pavillon Cheveil  
F 75231 Paris Cdx 05  
France
- Tatum Jeremy B**  
Dpt Physics / Astron  
Univ Victoria  
Victoria BC V8W 23P6  
Canada  
☎ 1 250 721 7749  
📠 1 250 721 7715  
✉ e.universe@uwv.uvic.ca
- Tauber Jan**  
ESA/ESTEC  
Astrophysics Div  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 5342  
📠 31 71 565 4690  
✉ jtauber@  
ests2.estec.esa.nl
- Tauris Thomas M**  
Nordita  
Blegdamsvej 17  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 53 63  
📠 45 35 38 91 57  
✉ tauris@nordita.dk
- Tautvaisiene Grazina**  
Inst Theor Physics/  
Astronomy  
Gostauro 12  
LT Vilnius 2009  
Lithuania  
☎ 370 2 621 117  
📠 370 2 224 694  
✉ taut@itpa.fi.lt
- Tavakol Reza**  
School Mathemat Sc  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 980 4811  
📠 44 181 975 5500
- Tavares J T I**  
Av dias Da Silva  
173 R/c Esq  
P 3000 Coimbra  
Portugal
- Tawadros Maher Jacoub**  
NAIGR  
Helwan Observ  
Cairo 11421  
Egypt  
☎ 20 78 0645/2683  
📠 20 62 21 405 297
- Tawara Yuzuru**  
Astrophysics Dpt  
Nagoya Univ  
Furocho Chikusa Ku  
Nagoya 464 01  
Japan  
☎ 81 527 81 5111  
📠 81 527 81 3541
- Taylor A R**  
Physics Dpt  
Univ Calgary  
2500 Univ Dr NW  
Calgary AB T2N 1N4  
Canada  
☎ 1 403 220 5385  
📠 1 403 289 3331  
✉ artaylor@ucalgary.ca

**Taylor Andrew**

Meteor Astron Radar  
Systems  
3 Lowes Barn Bank  
Durham DH1 3QJ  
UK  
☎ 44 19 13 864 783  
☎ 44 19 13 831 025  
✉ andrew@  
meteors.demon.co.uk

**Taylor Donald Boggia**

8 Stour Road  
Chirstchurch  
Dorset BH23 1PS  
UK  
☎ 44 12 23 374 000  
☎ 44 12 23 374 000  
✉ dbt@cambridge.ac.uk

**Taylor Donald J**

Dpt Phys/Astronomy  
Univ Nebraska  
Behlen Observatory  
Lincoln NE 68588 0111  
USA  
☎ 1 402 472 3686  
☎ 1 402 472 2879

**Taylor Gordon D.**

20 Badgers Walk  
Deanland Wood Park,  
Golden Cross  
Hailsham East Sussex  
BN 27 3 UT  
UK

**Taylor Gregory Benjamin**

CALTECH  
Palomar Obs  
MS 105 24  
Pasadena CA 91125  
USA  
☎ 1 818 395 4024  
☎ 1 818 568 9352  
✉ gbt@astro.caltech.edu

**Taylor Joseph H**

Physics Dpt  
Princeton Univ  
Jadwin Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 452 4368  
☎ 1 609 258 6853

**Taylor Keith**

AAO  
Box 296  
Epping NSW 2121  
Australia  
☎ 61 2 868 0222  
☎ 61 2 868 0310

**Taylor Kenneth N R**

105a Copeland Rd  
Beecroft NSW 2119  
Australia

**Tchang-Brillet Lydia**

Observ  
DAMAP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7576  
☎ 33 1 45 07 7121  
✉ Lydia.Tchang-Brillet@  
obsppm.fr

**Tchouikova Nadejda A**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 5024  
☎ 7 095 939 0126  
✉ chujkova@sai.msu.su

**te Lintel Hekker Peter**

Parkes Observ  
Box 276  
Parkes NSW 2870  
Australia  
☎ 61 68 611 726  
☎ 61 68 611 730  
✉ plintel@atnf.csiro.au

**Teays Terry J**

STSci  
Public Outreach Div  
3700 San Martin Drive  
Baltimore MD 21218  
USA  
☎ 1 410 338 4733  
☎ 1 410 338 4569  
✉ teays@stsci.edu

**Tedesco Edward F**

TerraSystems Inc  
Space Sci Res Div  
59 Wednesday Hill Rd  
Lee NH 03824 6537  
USA  
☎ 1 603 359 5620  
☎ 1 603 359 2982  
✉ etedesco@terrasys.com

**Teerikorpi Veli Pekka**

Turku Univ  
Tuorla Observ  
Vaeisaelaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 143 5822  
☎ 358 2 143 3767

**Teixeira Ramachrisna**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
☎ 55 11 576 3848  
✉ teixeira@  
orion.iagusp.usp.br

**Tejfel Viktor G**

Astrophys Inst  
Kazakh Acad Sci  
480068 Alma Ata  
Kazakhstan  
☎ 7 68 3053  
✉ tejf@  
afi.academ.alma-ata.su

**Tektunali H Gokmen**

Univ Observ  
Univ Istanbul  
Univ 34452  
34452 Istanbul  
Turkey  
☎ 90 212 522 3597  
☎ 90 212 519 0834

**Telesco Charles M**

Astronomy Dpt  
Univ Florida  
211 SSRB  
Gainesville FL 32611  
USA  
☎ 1 352 392 2052  
☎ 1 352 392 5089

**Telles Eduardo**

Observ Nacional  
Rua Gl Bruce 586  
Sao Cristovao  
20921 400 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7181  
☎ 55 21 580 7181  
✉ etelles@on.br

**Tello Camilo**

Inst Nacional de Pesquisas  
Espaciais  
Divisao de Astrofisica  
CP 515, 12201- 970  
San Jose dos Campos SP  
Brazil  
☎ 55 12 345 6739  
☎ 55 12 345 6750  
✉ tello@das.inpe.br

**Telnyuk-Adamchuk**

**Volodymyr**  
Astron Observ  
Kyiv State Univ  
Observatorna Str 3  
04053 Kyiv  
Ukraine  
☎ 380 44 216 2691  
☎ 380 44 216 2630  
✉ vtel@freenet.aoku.kiev.ua

**Tempesti Piero**

Istt Astronomico  
Univ d Roma La Sapienza  
Via G M Lancisi 29  
I 00161 Roma  
Italy  
☎ 39 06 440 3734  
☎ 39 06 440 3673

**Tenorio-Tagle Guillermo**

INAOE  
Tonantzintlaz  
Apdo 51 y 216  
Puebla PUE 72000  
Mexico

**Teplitskaya R B**

Sibizmir  
Acad Sciences  
664697 Irkutsk 33  
Russia  
☎ 7 395 262 9388

**Terashita Yoichi**  
Kanazawa Techn Inst  
7-1 Ogigaoka  
Nonoichimachi  
Ishikawa 921  
Japan  
☎ 81 762 48 1100

**Terasranta Harri T**  
Metsaehovi Radio Observ  
Metsaehovintie 114  
FIN 02540 Kylmaelae  
Finland  
☎ 358 9 2564 423  
① 358 9 2564 531  
✉ hte@kurp.hut.fi

**Terebizh Valery Yu**  
Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
① 380 6554 40704

**Terekhov Oleg V**  
Astro Space Ctr  
Lebedev Physical Inst  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 5300  
① 7 095 333 5377  
✉ terekhov@hea.iki.rssi.ru

**Terentjeva Alexandra K**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
① 7 095 230 2081  
✉ ater@airas.msk.su

**Terlevich Elena**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523  
✉ et@ast.cam.ac.uk

**Terlevich Roberto Juan**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
✉ rjt@ast.cam.ac.uk

**Ternullo Maurizio**  
Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2111  
① 39 095 733 0592  
✉ mternullo@alpha4.ct.astro.it

**Terquem Caroline E**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8081  
① 33 1 44 32 8001  
✉ terquem@iap.fr

**Terranegra Luciano**  
Osserv d Capodimonte  
Via Moirariello 16  
I 80131 Napoli  
Italy  
☎ 39 08 155 75111  
① 39 08 145 6710  
✉ terranegra@astrna.na.astro.it

**Terrell Jr Nelson James**  
LANL  
MS D 436 NIS 2  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 2044  
① 1 505 665 4414  
✉ jterrell@lanl.gov

**Terrile Richard John**  
CALTECH/JPL  
MS 183 501  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 213 351 1321  
① 1 818 393 6030

**Terzan Agop**  
Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 56 0705  
① 33 4 72 39 9791

**Terzian Yervant**  
Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 255 4935  
① 1 607 255 9817  
✉ terzian@astrosun.tn.cornell.edu

**Terzides Charalambos**  
Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 1357

**Teske Richard G**  
Astronomy Dpt  
Univ Michigan  
Dennison Bldg  
Ann Arbor MI 48109 1090  
USA  
☎ 1 313 764 3398  
① 1 313 764 2211

**Testi Leonardo**  
Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2285  
① 39 055 220 039  
✉ ltesti@arcetri.astro.it

**Teuben Peter J**  
Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 1540  
① 1 301 314 9067  
✉ teuben@astro.umd.edu

**Thaddeus Patrick**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7340  
① 1 617 495 7356

**Thakur Ratna Kumar**  
21 College Road  
Choube Colony  
Raipur 492 001  
India  
☎ 91 0771 255 168

**The Pik-Sin**  
Astron Inst  
Univ Amsterdam  
Kruislaan 403  
NL 1098 SJ Amsterdam  
Netherlands  
☎ 31 20 525 7491  
① 31 20 525 7484  
✉ psthe@astro.uva.nl

**Theis Christian**  
Inst f. Theoretische Physik/  
Astophysik  
Sternwarte Univ Kiel  
Olshausenstr 40  
D 24098 Kiel  
Germany  
☎ 49 431 880 4110  
① 49 431 880 4100  
✉ theis@astrophysik.uni-kiel.de

**Thejll Peter Andreas**  
Danish Meteorol Inst  
Solar/Terrestrial Physics Div  
Lyngbyvej 100  
DK 2100 Copenhagen  
Denmark  
☎ 45 39 15 7477  
① 45 39 15 7460  
✉ thejll@dmu.dk

**Theodossiou Efstratios**  
Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414  
① 30 1 723 5122

**Thevenin Frederic**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3011  
📧 33 4 92 00 3033

**Thielemann Friedrich-Karl**  
Physics Dpt  
Univ Basel  
Klingelberg Str. 82  
CH 4056 Basel  
Switzerland  
☎ 41 61 267 3748  
📧 41 61 267 3784  
✉ fkt@  
quasar.physik.unibas.ch

**Thielheim Klaus O**  
Abt Math/Physik  
Univ Kiel  
Postfach 5151  
D 24063 Kiel  
Germany  
☎ 49 431 880 3216  
✉ thielheim@  
email.uni-kiel.de

**Thiry Yves R**  
Universite Paris VI  
4 pl Jussieu Tour 66  
F 75230 Paris Cdx 05  
France  
☎ 33 1 43 36 2525

**Thoburn Christine**  
8 Dunbar Drive  
Hailsham  
E Sussex BN27 3UW  
UK

**Tholen David J**  
Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 6930  
📞 1 808 988 2790  
✉ tholen@ifa.hawaii.edu

**Thomas Claudine**  
BIPM  
Pavillon de Breteuil  
F 92312 Sevres Cdx  
France  
☎ 33 1 45 07 7073  
📞 33 1 45 34 2021  
✉ cthomas@bipm.fr

**Thomas David V**  
6 Livonia Rd  
Sidmouth  
Devon EX10 9JB  
UK  
☎ 44 13 95 515 156  
✉ thomas@mail.ph.ed.ac.uk

**Thomas Hans Christoph**  
MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 00  
📞 49 893 299 3235

**Thomas John H**  
Dpt Phys/Astronomy  
Univ Rochester  
Rochester NY 14627 0171  
USA  
☎ 1 716 275 4083  
📞 1 716 273 1049  
✉ thomas@  
astro.me.rochester.edu

**Thomas Peter A**  
Astronomy Centre  
Univ Sussex  
Falmer  
Brighton BN1 9QH  
UK  
☎ 44 12 73 606 755\*3099  
📞 44 12 73 678 097  
✉ petert@syms.sussex.ac.uk

**Thomas Roger J**  
NASA GSFC  
Code 682  
Greenbelt MD 20771  
USA  
☎ 1 301 286 7921  
📞 1 301 286 1617  
✉ thomas@jet.gsfc.nasa.gov

**Thomasson Magnus**  
Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5534  
📞 46 31 772 5590  
✉ magnus@oso.chalmers.se

**Thomasson Peter**  
NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
📞 44 147 757 1618

**Thompson A Richard**  
NRAO  
2015 Ivy Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0211  
📞 1 434 296 0278

**Thompson Ian**  
Carnegie Observ  
813 Santa Barbara St  
Pasadena CA 91101  
USA  
☎ 1 626 304 0225  
📞 1 626 795 8136  
✉ ian@ociw.edu

**Thomsen Bjarne B**  
Inst Phys/Astronomy  
Univ Aarhus  
Ny Munkegade  
DK 8000 Aarhus C  
Denmark  
☎ 45 86 12 8899  
📞 45 86 20 2711

**Thomson Robert**  
9 Bellevue Pl  
Edinburgh EH7 4BS  
UK  
☎ 44 13 15 560 998  
✉ rct@mail.ast.cam.ac.uk

**Thonnard Robert**  
Atom Sciences  
114 Ridgeway Ctr  
Oak Ridge TN 37830  
USA  
☎ 1 615 483 1113

**Thorne Kip S**  
CALTECH  
MS 130 33  
Pasadena CA 91125  
USA  
☎ 1 818 395 4598  
📞 1 818 796 5675  
✉ kip@tapir.caltech.edu

**Thorsett Stephen Erik**  
Dpt Astron Astrophys  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 5617  
📞 1 831 459 5265  
✉ steve@  
pulsar.princeton.edu

**Thorstensen John R**  
Dpt Phys/Astronomy  
Dartmouth College  
6127 Wilder Lab  
Hanover NH 03755  
USA  
☎ 1 603 646 2869  
📞 1 603 646 1446

**Thoul Anne A**  
IAG  
ULG  
3 av Cointe  
B 4000 Liege  
Belgium  
☎ 32 4 254 7523  
📞 32 4 254 7511  
✉ thoul@astro.ulg.ac.be

**Thronson Jr Harley Andrew**  
Dpt Phys/Astronomy  
Univ Wyoming  
Box 3905  
Laramie WY 82071  
USA  
☎ 1 307 766 6150  
📞 1 307 766 2652  
✉ hthronso@hq.nasa.gov

**Thuan Trinh Xuan**  
Astronomy Dpt  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
USA  
☎ 1 804 924 7494  
📞 1 804 924 3104  
✉ txt@virginia.edu

**Thuillot William**  
 IMCCE  
 Observatoire de Paris  
 77 Av Denfert Rochereau  
 F 75014 Paris  
 France  
 ☎ 33 1 40 51 2262  
 ☎ 33 1 46 33 2834  
 ✉ thuillot@bd.fr

**Thum Clemens**  
 IRAM  
 300 r La Piscine  
 Bloque 6/2b  
 F 38406 S Martin Heres Cdx  
 Spain

**Ticha Jana**  
 Klet Observ  
 Zatkovo Nabrezi 4  
 CZ Ceske Budejovice 37001  
 Czech Rep  
 ☎ 420 337 711 242  
 ☎ 420 386 352 239  
 ✉ jticha@klet.cz

**Tiersch Heinz**  
 Sternwarte Koenigsleiten  
 c/o Ing.-Büro O. Beck  
 Leimbachstr 1a  
 D 81477 Muenchen  
 Germany  
 ☎ 49 89 7498 4631  
 ☎ 49 89 7498 4625  
 ✉ htiersch@topmail.de

**Tiftt William G**  
 Steward Observ  
 Univ Arizona  
 Tucson AZ 85721  
 USA  
 ☎ 1 520 621 6532  
 ☎ 1 520 621 1532  
 ✉ tiftt@as.arizona.edu

**Tifrea Emilia**  
 Astron Inst  
 Romanian Acad Sci  
 Cutitul de Argint 5  
 RO 75212 Bucharest  
 Romania  
 ☎ 40 1 641 3686  
 ☎ 40 1 312 3391

**Timothy J Gethyn**  
 Ctr for Space Sci/  
 Astrophysics  
 Stanford Univ ERL 314  
 Stanford CA 94305 4055  
 USA  
 ☎ 1 415 497 0059  
 ☎ 1 415 725 2333

**Tinbergen Jaap**  
 ASTROM  
 Box 2  
 NL 7990 AA Dwingeloo  
 Netherlands  
 ☎ 31 521 59 5100  
 ☎ 31 521 59 7332  
 ✉ tinbergen@astro.rug.nl

**Ting Yeou-Tswen**  
 Astronomy Section  
 Central Weather Bureau  
 64 Kung Yuen Rd  
 Taipei 100  
 China R  
 ☎ 886 2 371 3181\*281

**Tinney Christopher**  
 AAO  
 Box 296  
 Epping NSW 2121  
 Australia  
 ☎ 61 2 372 4849  
 ☎ 61 2 372 4880  
 ✉ cgt@aaopp.aao.gov.au

**Tipler Frank Jennings**  
 Physics Dpt  
 Tulane Univ  
 New Orleans LA 70118  
 USA  
 ✉ frank.tipler@tulane.edu

**Tissera Patricia B**  
 IAFE  
 CC 67 Suc 28  
 Buenos Aires 1428  
 Argentina  
 ☎ 54 11 4706 0123  
 ☎ 54 11 4786 8114  
 ✉ patricia@iafe.uba.ar

**Title Alan Morton**  
 Advance Techn Ctr  
 Org H1 A2 Bg 252  
 3251 Hanover St  
 Palo Alto CA 94304  
 USA  
 ☎ 1 415 424 4034  
 ☎ 1 415 424 3994  
 ✉ title@space.lockheed.com

**Tiuri Martti**  
 Helsinki Univ Technology  
 Radio Laboratory  
 Otakaari 5 A  
 FIN 02150 Espoo 15  
 Finland  
 ☎ 358 9 451 2545  
 ☎ 358 9 451 2378

**Tjin-a-Djie Herman R E**  
 Koekoelaan 106  
 NL 1403 EJ Bussum  
 Netherlands  
 ☎ 31 21 591 7076

**Tlamicha Antonin**  
 Astron Inst  
 Czech Acad Sci  
 Fricova 1  
 CZ 251 65 Ondrejov  
 Czech Rep  
 ☎ 420 204 620 237  
 ☎ 420 206 620 110  
 ✉ tlamicha@asu.cas.cz

**Tlatov Andrew G**  
 Kislovodsk Solar Station  
 Pulkovo Observ  
 Kuybisheva 53 Np 49  
 786537 Kislovodsk  
 Russia  
 ☎ 7 865 3761904  
 ☎ 7 865 3755 101  
 ✉ solar@narzan.com

**Tobias Steven M**  
 Dpt Applied Mathematics  
 Univ Leeds  
 Wood House Lane  
 Leeds LS2 9JT  
 UK  
 ☎ 44 113 233 5110  
 ☎ 44 113 242 9925  
 ✉ smt11@damp.cam.ac.uk

**Tobin William**  
 Dpt Phys/Astronomy  
 Univ Canterbury  
 Private Bag 4800  
 Christchurch 1  
 New Zealand  
 ☎ 64 3 364 2531  
 ☎ 64 3 364 2469  
 ✉ w.tobin@csc.canterbury.ac.nz

**Todoran Ioan**  
 Astron Observ  
 Romanian Acad Sci  
 UI Ciresilor 19  
 RO 3400 Cluj Napoca  
 Romania  
 ☎ 40 64 194 592  
 ☎ 40 64 192 820

**Tofani Gianni**  
 Osserv Astris Arcetri  
 Univ d Firenze  
 Largo E Fermi 5  
 I 50125 Firenze  
 Italy  
 ☎ 39 055 275 2217  
 ☎ 39 055 220 039  
 ✉ lt@arcetri.astro.it

**Tohline Joel Edward**  
 Dpt Phys/Astronomy  
 Louisiana State Univ  
 Baton Rouge LA 70803 4001  
 USA  
 ☎ 1 225 388 6851  
 ☎ 1 225 388 5855

**Tokarev Yuriy V**  
 Radiophysical Res  
 Inst  
 Lyadov Ul 25/14  
 603600 N Novgorod  
 Russia  
 ☎ 7 831 236 0188  
 ☎ 7 831 236 9902

**Tokovinin Andrej A**  
 CTIO  
 CTIO/AURA  
 Casilla 603  
 La Serena  
 Chile  
 ☎ 56 51 205 206  
 ☎ 56 51 225 415  
 ✉ atokovinin@ctio.noao.edu

**Tokunaga Alan Takashi**  
 Inst for Astronomy  
 Univ Hawaii  
 2680 Woodlawn Dr  
 Honolulu HI 96822  
 USA  
 ☎ 1 808 956 6691  
 ☎ 1 808 988 2790  
 ✉ tokunaga@galileo.ifa.hawaii.edu



**Tolbert Charles R**  
 Univ Station  
 Univ Virginia  
 Box 3818  
 Charlottesville VA 22903  
 0818  
 USA  
 ☎ 1 804 924 7494  
 ☎ 1 804 924 3104  
 ✉ [tolbert@virginia.edu](mailto:tolbert@virginia.edu)

**Toller Gary N**  
 9364 Dewlit Way  
 Columbia MD 20145 5118  
 USA  
 ☎ 1 301 352 2131  
 ☎ 1 301 352 0143  
 ✉ [gtoller@mst.gsfc.nasa.gov](mailto:gtoller@mst.gsfc.nasa.gov)

**Tomasi Paolo**  
 Istt Radioastronomia  
 CNR  
 Via P Gobetti 101  
 I 40129 Bologna  
 Italy  
 ☎ 39 051 639 9385  
 ☎ 39 051 639 9385  
 ✉ [tomasip@ira.bo.cnr.it](mailto:tomasip@ira.bo.cnr.it)

**Tomasko Martin G**  
 Lunar/Planetary Lab  
 Room 325 Bg 92  
 Univ Arizona  
 Tucson AZ 85721 0092  
 USA  
 ☎ 1 520 621 6969  
 ☎ 1 520 621 4933

**Tomczak Michal**  
 Astron Inst  
 Univ Wroclaw  
 Ul Kopernika 11  
 PL 51 622 Wroclaw  
 Poland  
 ☎ 48 71 372 9373/74  
 ☎ 48 71 372 9378  
 ✉ [tomczak@astro.uni.wroc.pl](mailto:tomczak@astro.uni.wroc.pl)

**Tomimatsu Akira**  
 Physics Dpt  
 Nagoya Univ  
 Furocho Chikusa Ku  
 Nagoya 464 01  
 Japan  
 ☎ 81 527 89 2840  
 ☎ 81 527 89 2845

**Tomisaka Kohji**  
 Fac Education  
 Niigata Univ  
 8050 Ikarashi 2  
 Niigata 950 21  
 Japan  
 ☎ 81 252 62 7269  
 ☎ 81 252 64 2026  
 ✉ [tomisaka@ed.niigata-u.ac.jp](mailto:tomisaka@ed.niigata-u.ac.jp)

**Tomita Akihiko**  
 Faculty Education  
 Wakayama Univ  
 Wakayama 640 8510  
 Japan  
 ☎ 81 73 457 7319  
 ☎ 81 73 457 7495  
 ✉ [atomita@center.wakayama-u.ac.jp](mailto:atomita@center.wakayama-u.ac.jp)

**Tomita Kenji**  
 Yukawa Istt Theor Physics  
 Kyoto Univ  
 Kitashirakawa  
 Kyoto 606 01  
 Japan  
 ☎ 81 75 753 7017  
 ☎ 81 75 753 7017  
 ✉ [tomita@yukawa.kyoto-u.ac.jp](mailto:tomita@yukawa.kyoto-u.ac.jp)

**Tomita Koichiro**  
 4 11 20 Yoga  
 Setagayaku  
 Tokyo 158  
 Japan  
 ☎ 81 370 00 066

**Tomov Nikolai**  
 Ntl Astron Observ  
 Bulgarian Acad Sci  
 Box 136  
 BG 4700 Smoljan  
 Bulgaria  
 ☎ 359 3 02 1357\*283  
 ☎ 359 3 02 1356  
 ✉ [ttomov@bgearn.acad.bg](mailto:ttomov@bgearn.acad.bg)

**Tomov Toma V**  
 Ntl Astron Observ  
 Bulgarian Acad Sci  
 Box 136  
 BG 4700 Smoljan  
 Bulgaria  
 ☎ 359 7 34 1559  
 ☎ 359 3 02 1356

**Toner Clifford George**  
 NAOO/NSO  
 Box 26732  
 950 N Cherry Av  
 Tucson AZ 85726 6732  
 USA  
 ☎ 1 520 323 4111  
 ☎ 1 520 325 9278  
 ✉ [toner@naoo.edu](mailto:toner@naoo.edu)

**Tong Fu**  
 Purple Mountain Observ  
 CAS  
 Nanjing 210008  
 China PR  
 ☎ 86 25 33921  
 ☎ 86 25 301 459

**Tong Yi**  
 Astronomy Dpt  
 Beijing Normal Univ  
 Beijing 100875  
 China PR  
 ☎ 86 10 622 09 683  
 ☎ 86 10 622 00 567  
 ✉ [yitong@bnu.edu.cn](mailto:yitong@bnu.edu.cn)

**Tonry John**  
 Mathematics Dpt  
 MIT Rm 6 204a  
 77 Massachussets Ave  
 Cambridge MA 02139  
 USA  
 ☎ 1 617 253 7528  
 ✉ [jt@anatares.mit.edu](mailto:jt@anatares.mit.edu)

**Tonwar Suresh C**  
 TIFR  
 Homi Bhabha Marg  
 Navy Nagar Colaba  
 Mumbai MH 400 085  
 India  
 ☎ 91 22 215 2971  
 ☎ 91 22 215 2110  
 ✉ [suresh.tonwar@cern.ch](mailto:suresh.tonwar@cern.ch)

**Toomre Alar**  
 Mathematics Dpt  
 MIT Rm 2 372  
 77 Massachussets Ave  
 Cambridge MA 02139  
 USA  
 ☎ 1 617 253 4326  
 ✉ [toomre@math.mit.edu](mailto:toomre@math.mit.edu)

**Toomre Juri**  
 JILA/DAG  
 Univ Colorado  
 Campus Box 400  
 Boulder CO 80309 0440  
 USA  
 ☎ 1 303 492 7854  
 ☎ 1 303 492 5235

**Topaktas Latif A**  
 KACST  
 Box 2455  
 Riyadh 11453  
 Saudi Arabia  
 ☎ 966 1 467 6324  
 ☎ 966 1 467 4253

**Torao Masahisa**  
 Senpuku Ga Oka 2-11-9  
 Susono City 410 11  
 Japan

**Torelli M**  
 OAR  
 Via d Parco Mellini 84  
 I 00136 Roma  
 Italy  
 ☎ 39 06 35 347 056  
 ☎ 39 06 35 347 802  
 ✉ [Torelli@oarhpl.rm.astro.it](mailto:Torelli@oarhpl.rm.astro.it)

**Torkelsson Ulf J**  
 Dpt Theoretical Physics  
 Goeteborg Univ  
 Chalmers Univ Technology  
 SE 41296 Gothenburg  
 Sweden  
 ☎ 46 31 772 31 36  
 ☎ 46 31 772 3204  
 ✉ [torkel@fy.chalmers.se](mailto:torkel@fy.chalmers.se)

**Tornambe Amedeo**  
 IAS CNR  
 Area di Ricerca di Tor  
 Vergata  
 Via Fosso Cavaliere 100  
 I 00133 Roma  
 Italy  
 ☎ 39 06 499 34473  
 ☎ 39 06 206 60188  
 ✉ [tornambe@te.astro.it](mailto:tornambe@te.astro.it)

**Tornikoski Merja T**  
Metsaehovi Radio Observ  
Metsaehovintie 114  
FIN 02540 Kylmaelae  
Finland  
☎ 358 9 2564 831  
☎ 358 9 2564 531  
✉ merja.tornikoski@hut.fi

**Toro Tibor**  
Inst Theoretical  
Physics  
Univ Timisoara  
RO 1900 Timisoara  
Romania  
☎ 40 56 130 823

**Toroshlidze Teimuraz I**  
Astrophysical Observ  
Kazbegi av 2A  
Tbilisi 380060  
Georgia  
☎ 995 32 95 5367  
☎ 995 32 98 7000

**Torra Jordi**  
Dpt Fisica Atmosfera  
Univ Barcelona  
Avd Diagonal 647  
E 08028 Barcelona  
Spain  
☎ 34 3 330 7311  
☎ 34 3 402 1133

**Torrejon Jose Miguel**  
Dto Fisica e Ing de  
Esc Politecnica Superior  
Apt 99 Univ Alicante  
E 03080 Alicante  
Spain  
☎ 34 6 590 3682  
✉ jmt@castor.matapl.uv.es

**Torrelles Jose M**  
IEEC/CSIC  
Edifici Nexus  
C/ Gran Capita 2-4  
E 08034 Barcelona  
Spain  
☎ 34 93 280 2088  
☎ 34 93 280 6395  
✉ torrelles@ieec.fcr.es

**Torres Carlos Alberto**  
Observ  
Rua Coronel Renno 07  
CP 21  
37500 Itajuba Mg  
Brazil  
☎ 55 356 22 0788

**Torres Carlos**  
Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
☎ 56 2 229 4002

**Torres Guillermo**  
CfA  
HCO/SAO MS 20  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7335  
☎ 1 617 495 7467  
✉ gtorres@cfa.harvard.edu

**Torres Dodgen Ana V**  
15735 Forest Hill Dr  
Boulder Creek CA 95006  
USA  
☎ 1 408 338 0158

**Torres-Peimbert Silvia**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
☎ 52 5 616 0653  
✉ silvia@astroscu.unam.mx

**Torricelli Guidetta**  
Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2260  
☎ 39 055 220 039  
✉ torricel@arcetri.astro.it

**Tosa Makoto**  
Astron Institute  
Tohoku Univ  
Sendai Aoba  
Miyagi 980  
Japan  
☎ 81 22 217 6501  
☎ 81 22 217 6513  
✉ tosa@astroa.astr.tohoku.ac.jp

**Tosi Monica**  
Osserv Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 401  
☎ 39 051 259 407

**Totani Tomonori**  
Etical Astrophysics Theory  
Division  
Nat Astron Obs  
Mitaka  
Tokyo 181 8588  
Japan  
☎ 81 422 34 3631  
☎ 81 422 34 3746  
✉ totani@th.nao.ac.jp

**Toth Imre**  
Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
☎ 36 1 275 4668  
✉ h697kno@ogyalla.konkoly.hu

**Toth Laszlo V**  
Eotvos Univ  
Dpt Astronomy  
PO Box 32  
HU 1518 Budapest  
Hungary  
☎ 36 1 372 2946  
☎ 36 1 372 2940  
✉ lvtoth@innin.elte.hu

**Totsuka Yoji**  
Inst Cosmic Ray Res  
Univ Tokyo  
Midoricho Tanashi  
Tokyo 188  
Japan  
☎ 81 424 61 4131  
☎ 81 424 68 1438

**Touma Hamid**  
CNCPRST  
CNR  
BP 8027  
Rabat Agdal  
Morocco  
☎ 212 7 72 803/774 215  
☎ 212 7 77 1288  
✉ touma@cnr.ac.ma

**Tout Christopher**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
☎ 44 12 23 337 523  
✉ ct23@phoenix.cambridge.ac.uk

**Tovmassian Gaghiq**  
Observ  
UNAM  
Apt 877  
Ensenada BC 22800  
Mexico  
☎ 52 6 174 4580  
☎ 52 6 174 4607  
✉ gag@bufadora.astrosen.unam.mx

**Tovmassian Hrant M**  
INAOE  
Luiz Enrique Erro 1,  
Tonantzintla  
Puebla PUE  
Mexico  
☎ 52 2 247 2011  
☎ 52 2 247 2231  
✉ hrant@inaoep.mx

**Townes Charles Hard**  
Physics Dpt  
Univ California  
366 LeConte Hall  
Berkeley CA 94720  
USA  
☎ 1 510 642 1128  
☎ 1 510 643 8497  
✉ cht@sunspot.ssl.berkeley.edu

**Toyama Kiyotaka**  
Hokkaido Inform Univ  
Nishinopporo 59 - 2  
Ebetsu 069  
Japan  
☎ 81 113 85 4411  
☎ 81 113 84 0134  
✉ toyama@do-johodai.ac.jp

**Tozer David C**  
School Physics  
Univ Newcastle  
Newcastle u Tyne NE1 7RU  
UK  
☎ 44 191 222 7411  
☎ 44 191 261 1182

**Tozzi Gian Paolo**

Osserv Astris Arcetri  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2250  
☎ 39 055 220 039  
✉ tozzi@arcetri.astro.it

**Traat Peeter**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 434 932  
☎ 372 7 431 980  
✉ traat@aai.ee

**Trafton Laurence M**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 1476  
☎ 1 512 471 6016

**Trammell Susan R**

Univ North Carolina  
Physics Dpt.  
Charlotte NC 28223  
USA  
☎ 1 704 547 2816  
☎ 1 704 547 3160  
✉ srtramme@unc.edu

**Tran Minh Nguyet**

Observ  
DAMAP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7447  
☎ 33 1 45 07 7121  
✉ Nguyet.Tran-Minh@obspm.fr

**Tran-Minh Francois**

Observ  
DASGAL  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7553  
☎ 33 1 45 07 7872  
✉ Francoise.Tran-Minh@obspm.fr

**Traub Wesley Arthur**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7406  
☎ 1 617 495 7356  
✉ traub@cfa.harvard.edu

**Traving Gerhard**

Inst Theor Astrophysik  
d Univer  
Im Neuenheimer Feld 561  
D 69120 Heidelberg  
Germany  
☎ 49 622 156 2815  
☎ 49 622 154 4221

**Treder H J**

Zntrlnst Astrophysik  
Sternwarte Babalsberg  
An der Sternwarte 16  
D 14473 Potsdam  
Germany  
☎ 49 331 275 3731

**Treffers Richard R**

Astronomy Dpt  
Univ California  
601 Campbell Hall  
Berkeley CA 94720 3411  
USA  
☎ 1 510 642 4223  
☎ 1 510 642 3411

**Trefftz Eleonore E**

Naagerstr. 9  
D 80937 Muenchen  
Germany

**Trefzger Charles F**

Astronomisches Inst  
Univ Basel  
Venusstr 7  
CH 4102 Binningen  
Switzerland  
☎ 41 61 271 7711/12  
☎ 41 61 205 5455

**Trehan Surindar K**

Mathematics Dpt  
Univ Panjab  
Chandigarh 160 014  
India  
☎ 91 29 938

**Trellis Michel**

OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3011  
☎ 33 4 92 00 3033  
✉ trellis@obs-nice.fr

**Tremaine Scott Duncan**

Dpt Astrophys Sci  
Princeton Univ  
Peyton Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 258 3800  
☎ 1 609 258 1020  
✉ tremaine@astro.princeton.edu

**Tremko Jozef**

Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 96 7866  
☎ 421 969 96 7656

**Treumann Rudolf A**

MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 831  
☎ 49 893 299 3569

**Trevese Dario**

Istt Astronomico  
Univ d Roma La Sapienza  
Via G M Lancisi 29  
I 00161 Roma  
Italy  
☎ 39 06 440 3734  
☎ 39 06 440 3673

**Trexler James H**

1921 So Abrego Dr  
Greenvalley AZ 85614 1403  
USA

**Trigilio Corrado**

Inst Radioastronomia  
Stazione VLBI Di Noto  
CP 141  
I 96017 Noto SR  
Italy  
☎ 39 093 182 4105  
☎ 39 093 182 4122  
✉ trigilio@ira.noto.cnr.it

**Trimble Virginia L**

Univ Maryland  
Astronomy Dpt  
College Park MD 20742  
USA  
☎ 1 301 405 5822  
☎ 1 301 314 9067  
✉ vtrimble@astro.umd.edu  
✉ vtrimble@uci.edu

**Trinchieri Ginevra**

Osserv Astronomico  
d Brera  
Via Brera 28  
I 20121 Milano  
Italy  
☎ 39 02 723 20327  
☎ 39 02 720 01600  
✉ ginevra@brera.mi.astro.it

**Tripathi B M**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136

**Tripathy Sushanta C**

Udaipur Solar Observ  
Physical Research Lab  
Dewali, Bari Road PO Box  
198  
Udaipur Rajasthan 313004  
India  
☎ 91 294 560 626  
☎ 91 294 526 325  
✉ sushant@uso.ernet.in

**Tripicco Michael J**

NASA GSFC  
Code 664  
Greenbelt MD 20771  
USA  
✉ miket@ros10.gsfc.nasa.gov

**Tritakis Basil P**

Res Ctr Astronomy  
Acad Athens  
14 Anagnostopoulou St  
GR 106 73 Athens  
Greece  
☎ 30 1 361 3589  
☎ 30 1 363 1606

**Tritton Keith P**

Magpie Cottage  
Fox St  
Great Grandsen  
Sandy SG19 3AA  
UK  
☎ 44 176 767 7219  
① 44 176 767 7219  
✉ kpt2@tutor.open.ac.uk

**Tritton Susan Barbara**

Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 131 667 3321  
① 44 131 662 1668  
✉ sbt@roe.ac.uk

**Troche-Boggino A E**

Fac Cienc Exactas/Natural  
Univ Nacional Asuncion  
Suc de Correos 19  
Agen Pos Campus Una  
Km10  
Paraguay  
☎ 595 92 501 517  
① 595 21 502 239  
✉ atroche@pol.com.py

**Troland Thomas Hugh**

Dpt Phys/Astronomy  
Univ Kentucky  
Lexington KY 40506 0055  
USA  
☎ 1 606 257 8620  
① 1 606 323 2846

**Trottet Gerard**

Observ  
DASOP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7808  
① 33 1 45 07 7959  
✉ Gerard.Trottet@obsprm.fr

**Truemper Joachim**

MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 3559  
① 49 893 299 3569

**Trujillo Bueno Javier**

IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5266  
① 34 2 240 5646/405 501

**Trullols I Farreny Enric**

Dpt Mat Aplicada  
U P Cataluna  
Victor Balaguer Sn  
E 08800 Vilanova  
Spain  
☎ 34 3 896 7738  
① 34 3 896 7700  
✉ enric@mat.upc.es

**Trulsen Jan K**

Inst Theor Astrophys  
Univ Oslo  
Box 1029  
N 0315 Blindern Oslo 3  
Norway  
☎ 47 22 85 6501  
① 47 22 85 6505

**Truong Bach**

Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2221  
① 33 1 40 51 2002

**Truran Jr James W**

Dpt Astron/Astrophys  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 702 9584  
① 1 312 702 6645  
✉ truran@nova.uchicago.edu

**Trushkin Sergei**

Anatol'evich  
SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaev  
Russia  
☎ 7 878 784 6103  
① 7 96 908 2861  
✉ satr@sao.ru

**Trussoni Edoardo**

Istt Cosmo Geisica  
CNR  
Corso Fiume 4  
I 10133 Torino  
Italy  
☎ 39 011 657 694/8979

**Trutse Yu L**

Inst Phys Atmosph  
Acad Sciences  
Pyzhevsky 3  
109017 Moscow  
Russia

**Tsai Chang-Hsien**

Taipei Astron  
Museum  
N 363 Kee-Ho Rd  
Taipei  
China R  
☎ 886 2 594 7432

**Tsampanlis Michael**

Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414\*211  
① 30 1 962 4430

**Tsao Mo**

No 47 Sec 3  
Hsin-i Rd  
Taipei 106  
China R  
☎ 886 2 704 7795

**Tsap T T**

Crimean Astrophys Observ  
Ukrainian Acad Science  
Nauchny  
334413 Crimea  
Ukraine  
☎ 380 6554 71161  
① 380 6554 40704

**Tsarevsky Gregory**

Astro Space Ctr  
Lebedev Physical Inst  
PrBoxsojuznaya Ul 84/32  
117810 Moscow  
Russia  
☎ 7 095 333 2133  
① 7 095 333 2378  
✉ gtsarevs@atnf.csiro.au

**Tsay Wean-Shun**

Inst Phys/Astronomy  
Ntl Central Univ  
Chung Li Taiwan 32054  
China R  
☎ 886 3 422 7151\*5335  
① 886 3 425 1175  
✉ tsay@phyast.dnet.ncu.edu.tw

**Tscharnutter Werner M**

Inst Theor Astrophysik  
d Univer  
Tiergartenstr 15  
D 69121 Heidelberg  
Germany  
☎ 49 622 154 4837  
① 49 622 154 4221  
✉ wmt@ita.uni-heidelberg.de

**Tseytlin Naum M**

Radiophysical Res Inst  
Lyadov Ul 25/14  
603600 N Novgorod  
Russia  
☎ 7 831 236 0129  
① 7 831 236 9902

**Tsikoudi Vassiliki**

Physics Dpt  
Univ Ioannina  
GR 451 10 Ioannina  
Greece  
☎ 30 65 19 8481  
① 30 65 14 5697  
✉ vtikoud@cc.uoi.gr

**Tsinganos Kanaris**

Physics Dpt  
Univ Crete  
Box 1527  
GR 711 11 Heraklion  
Greece  
☎ 30 81 23 9757\*154  
① 30 81 23 9735  
✉ tsingan@iesl.forth.gr

**Tsiomis Alexandros**

Dpt Geodesy/Astron  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 2693

**Tsiropoula Georgia**

Astron Inst  
Ntl Observ Athens  
Box 20048  
GR 118 10 Athens  
Greece  
☎ 30 1 346 1191  
① 30 1 346 4566

**Tsubaki Tokio**

Dpt Earth Science  
Shiga Univ  
2 5 1 Hiratsu  
Ohtsu 520  
Japan  
☎ 81 775 37 081

**Tsuboi Masato**

Inst Astrophysics/Planetary  
Sci  
Ibaraki Univ  
2 1 1 Bunkyo Mito  
Ibaraki 310 8512  
Japan  
☎ 81 29 228 8362  
① 81 29 228 8362  
✉ tsuboi@  
masato.sci.ibaraki.ac.jp

**Tsubota Yukimasa**

Krio Senior High School  
4-1-2 Hiyoshi  
Kouhoku-ku  
Yokohama 223  
Japan  
☎ 81 455 63 1111  
① 81 455 62 8291  
✉ tsubota@hc.keio.ac.jp

**Tsuchida Masayoshi**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
① 55 11 276 3848  
✉ masa@iagusp.usp.br

**Tsuchiya Atsushi**

Omachi 4 2 18  
Kamakura 248  
Japan

**Tsuchiya Toshio**

Astronomy Dpt  
Kyoto Univ  
Sakyo ku  
Kyoto 606 02  
Japan  
☎ 81 75 753 4288  
① 81 75 753 3897  
✉ tsuchiya@  
kusastro.kyoto-u.ac.jp

**Tsuji Takashi**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5111  
① 81 422 34 3793

**Tsujimoto Takuji**

NAOJ  
Osawa 2 21 1  
Mitaka shi  
Tokyo 181  
Japan  
☎ 81 422 34 3617  
① 81 422 32 3779  
✉ takui.tsujimoto@nao.ac.jp

**Tsunemi Hiroshi**

Fac Sciences  
Osaka Univ  
Machikaneyama  
Toyonaka Osaka 560 0043  
Japan  
☎ 81 684 41 151

**Tsuneta Saku**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 4710  
① 81 422 34 3793

**Tsuru Takeshi**

Physics Dpt  
Kyoto Univ  
Sakyo ku  
Kyoto 606 01  
Japan  
☎ 81 75 753 3843  
① 81 75 753 5377  
✉ tsuru@  
cr.scphys.kyoto-u.ac.jp

**Tsuruta Sachiko**

Physics Dpt  
Montana State Univ  
Bozeman MT 59717 0350  
USA  
☎ 1 406 994 6779  
① 1 406 994 4452  
✉ uphst@  
gemini.oscs.montana.edu

**Tsutsumi Takahiro**

CfA  
HCO/SAO MS 78  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7547  
① 1 617 496 7554  
✉ ttsutsumi@  
cfa.harvard.edu

**Tsvetanov Zlatan I**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 8585  
① 1 410 516 8260  
✉ ztsvetanov@pha.jhu.edu

**Tsvetkov Dmitrii**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1683  
① 7 095 932 8841  
✉ tsvetkov@sai.msu.ru

**Tsvetkov Milcho K**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 71 44414  
① 359 2 730 831  
✉ tsvetkov@skyarchive.org

**Tsvetkov Tsvetan**

Astronomy Dpt  
Univ Sia Kliment Ohridski  
5 James Bourchier Blvd  
BG 1164 Sofia  
Bulgaria  
☎ 359 2 54 4852  
① 359 2 68 9085

**Tsvetkova Katya**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 74 31739  
① 359 2 975 3201  
✉ katya@wfpa.acad.bg  
✉ katya@skyarchive.org

**Tsygan Anatolii I**

Ife Physical Tech Inst  
Acad Sciences  
Polytechnicheskaya Ul 26  
194021 St Petersburg  
Russia  
☎ 7 812 247 9326  
① 7 812 247 1963  
✉ varsh@eo.pti.spb.su

**Tuchman Ytzhak**

Racah Inst Phys  
Hebrew Univ Jerusalem  
Jerusalem 91904  
Israel  
☎ 972 2 584 417  
① 972 2 61 1519

**Tucker Wallace H**

Box 266  
Bonsall CA 92003  
USA  
☎ 1 619 728 7103

**Tueg Helmut**

Alfred Wegener Inst  
f Polarforschung  
Columbus Ctr  
D 2850 Bremerhaven  
Germany

**Tufekcioglu Zeki**

Astronomy Dpt  
Univ Ankara  
Fen Fakultesi  
06100 Besevler  
Turkey  
☎ 90 41 212 6720  
① 90 312 223 2395

**Tull Robert G**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 3337  
① 1 512 471 6016

- Tully John A**  
OCA  
Observ Nice  
BP 4229  
F 06304 Nice Cdx 4  
France  
☎ 33 4 92 00 3070  
📠 33 4 92 00 3033
- Tully Richard Brent**  
Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 8606  
📠 1 808 988 9590  
✉ tully@ifa.hawaii.edu
- Tunca Zeynel**  
Dpt Astron/Space Sci  
Ege Univ  
Box 21  
35100 Bornova Izmir  
Turkey  
☎ 90 232 388 0110\*2322
- Tuohy Ian R**  
British Aerosp Australia  
14 Park Way  
Technology Park  
Salisbury 5095  
Australia  
☎ 61 83 432 2111  
📠 61 8 349 6629
- Tuominen Ilkka V**  
Astronomy Dpt  
Univ Oulu  
Box 333  
FIN 90570 Oulu  
Finland  
☎ 358 81 553 1930  
📠 358 8 553 1934  
✉ ilkka.tuominen@oulu.fi
- Turatto Massimo**  
Dpt Astronomia  
Univ d Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
☎ 39 049 829 3411  
📠 39 049 827 7102
- Turck-Chieze Sylvaine**  
Service Astrophysique  
CEA Saclay  
Orme d Merisiers Bt 709  
F 91190 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 4387  
📠 33 1 69 08 6577  
✉ turck@  
discovery.saclay.cea.fr
- Turlo Zygmunt**  
Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018  
📠 48 56 24 602
- Turner Barry E**  
NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0337
- Turner David G**  
Astronomy Dpt  
St Mary's Univ  
Halifax NS B3H 3C3  
Canada  
☎ 1 902 429 9780\*2254  
📠 1 902 420 5561
- Turner Edwin L**  
Princeton Univ Observ  
Peyton Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 258 3577  
📠 1 609 258 1020  
✉ elt@  
astrouvav.princeton.edu
- Turner Jean L**  
Dpt Astronomy/Phys  
UCLA  
Los Angeles CA 90095 1562  
USA  
☎ 1 213 825 4305  
📠 1 213 206 2096  
✉ turner@astro.ucla.edu
- Turner Kenneth C**  
Innovative Systems  
130 Wing Rd  
Ramey PR 00604  
USA  
☎ 1 310 825 4305  
📠 1 310 206 2096  
✉ turner@naic.edu
- Turner Martin J I**  
Dpt Phys/X-Ray Astron  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 2073  
📠 44 116 250 182
- Turner Michael S**  
Astronomy/Astrophys Ctr  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 962 7974  
📠 1 312 702 8212
- Turnshek David A**  
Dpt Phys/Astronomy  
Univ Pittsburgh  
Pittsburgh PA 15260  
USA  
☎ 1 412 624 9015  
📠 1 412 624 1833  
✉ turnshek@cis.pitt.edu
- Turolla Roberto**  
Dpt Fisica G Galilei  
Univ d Padova  
Via Marzolo 8  
I 35131 Padova  
Italy  
☎ 39 049 827 7139  
📠 39 049 827 7102  
✉ turolla@pd.infn.it
- Turon Catherine**  
Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7837  
📠 33 1 45 07 7878  
✉ catherine.turon@  
obspm.fr
- Turtle A J**  
Physics Dpt  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 692 2222  
📠 61 2 660 2903
- Tuthill Peter G**  
Chatterton Astronomy Dpt  
School Physics  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 9351 3976  
✉ gekko@  
physics.usyd.edu.au
- Tutukov A V**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 231 5461  
📠 7 095 230 2081  
✉ atutukov@inasan.rssi.ru
- Twarog Bruce A**  
Dpt Phys/Astronomy  
Univ Kansas  
Lawrence KS 66045  
USA  
☎ 1 913 864 5163  
📠 1 913 864 5262
- Twiss R Q**  
C/o A R Boschi  
96a Holland Rdoschi  
London W14 8BD  
UK
- Workowski Andrzej S**  
School Mathemat Sc  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 980 4822  
📠 44 181 975 5500
- Tylenda Romuald**  
Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018\*10  
📠 48 56 24 602

**Tyler Jr G Leonard**  
Radar Astronomy Inst  
Stanford Univ  
Stanford CA 94305 4035  
USA  
☎ 1 415 497 3535  
📠 1 415 723 4840

**Tylka Allan J**  
NRL  
Code 4154  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 2200  
📠 1 202 767 6473

**Tyson John Anthony**  
Bell Labs  
600 Mountain Av  
Murray Hill NJ 07974  
USA  
☎ 1 908 582 6028  
📠 1 908 582 4702  
✉ tyson@bell-labs.com

**Tytler David**  
CASS  
UCSD  
C 011  
La Jolla CA 92093 0216  
USA  
☎ 1 619 534 3460  
📠 1 619 534 2294

**Tzioumis Anastasios**  
CSIRO  
ATNF  
Box 76  
Epping NSW 2121  
Australia  
☎ 61 2 9372 4350  
📠 61 2 9372 4400  
✉ atzioumi@atnf.csiro.au

## U

**Ubertini Pietro**

IAS CNR  
Area di Ricerca di Tor Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
📞 39 06 206 60188  
✉ ubertini@alpha1.rm.fra.cnr.it

**Uchida Juichi**

Tohoku Gakuen Univ  
Tagayo Univ  
Miyagi 985  
Japan

**Uchida Yutaka**

Astronomy Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 757 53 3890  
📞 81 757 53 3897

**Udalski Andrzej**

Astron Observ  
Warsaw Univ  
Al Ujazdowskie 4  
PL 00 478 Warsaw  
Poland  
☎ 48 22 29 4011  
📞 48 22 29 4697  
✉ vdalski@astrow.edu.pl

**Udal'tsov V A**

Lebedev Physical Inst  
Acad Sciences  
Leninsky Pspt 53  
117924 Moscow  
Russia  
☎ 7 095 135 8560  
📞 7 095 135 7880

**Uday Shankar N**

RRRI  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
📞 91 80 334 0492  
✉ uday@rri.ernet.in

**Uddin Wahab**

Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Naini Tal 263 129  
India  
☎ 91 5942 35583  
📞 91 5942 35136  
✉ wahab@upso.ernet.in

**Udovichenko Sergei N**

Astron Observ  
Odessa State Univ  
Shevchenko Park  
Odessa 65014  
Ukraine  
☎ 380 22 03 96  
📞 380 22 84 42  
✉ udovich@farlep.net

**Udry Stephane**

Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
📞 41 22 755 3983  
✉ stephane.udry@obs.unige.ch

**Ueno Munetaka**

Dpt Earth/Astronomy  
Univ Tokyo  
3 8 1 Komaba Meguro  
Tokyo 153  
Japan  
☎ 81 354 54 6616  
📞 81 334 65 3925  
✉ ueno@chianti.c.u-tokyo.ac.jp

**Ueno Sueo**

Kanazawa Techn Inst  
7 1 Ogigaoka  
Nonoichimachi  
Ishikawa 921  
Japan  
☎ 81 762 48 1100

**Uesugi Akira**

Astronomy Dpt  
Kyoto Univ  
Sakyo Ku  
Kyoto 606 01  
Japan  
☎ 81 757 51 2111  
📞 81 757 53 7010

**Ukita Nobuharu**

Nobeyama Radio Observ  
NAOJ  
Minamimaki Mura  
Nagano 384 13  
Japan  
☎ 81 267 98 4397  
📞 81 267 98 4387  
✉ ukita@nro.nao.ac.jp

**Ulfbeck Ole**

Niels Bohr Inst  
Copenhagen Univ  
Blegdamsvej 17  
DK 2100 Copenhagen  
Denmark  
☎ 45 31 42 1616  
📞 45 31 38 9157

**Ulich Bobby Lee**

Kaman Aerospace Corp  
Electro Optics Dvpt Ct  
3480 E Britannia Dr  
Tucson AZ 85711  
USA  
☎ 1 520 295 2104  
📞 1 520 889 0211

**Ulmer Melville P**

Dearborn Observ  
NW Univ  
2131 Sheridan Rd  
Evanston IL 60208 3112  
USA  
☎ 1 847 491 5633  
📞 1 847 491 3135

**Ulmschneider Peter**

Inst Theor Astrophysik  
d Univer  
Tiergartenstr 15  
D 69121 Heidelberg  
Germany  
☎ 49 622 156 2837  
📞 49 622 154 4221

**Ulrich Bruce T**

Hiltenspergerstr 93  
D 8000 Muenchen 40  
Germany

**Ulrich Marie-Helene D**

ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 89 3200 6232  
📞 49 89 3200 6480  
✉ mhulrich@eso.org

**Ulrich Roger K**

Dpt Astronomy/Phys  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 825 4270  
📞 1 310 206 2096  
✉ ulrich@bonnie.astro.ucla.edu

**Ulvestad James Scott**

NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7298  
📞 1 505 835 7027  
✉ juvesta@aac.nrao.edu

**Umana Grazia**

Inst Radioastronomia  
Stazione VLBI Di Noto  
CP 141  
I 96017 Noto SR  
Italy  
☎ 39 093 182 4104  
📞 39 093 182 4122  
✉ umana@ira.noto.cnr.it



**Umemura Masayuki**

Univ Tsukuba  
Institute Physics  
305 Ibaraki  
Japan  
☎ 81 298 53 6930  
① 81 298 53 4492  
✉ umemura@  
ume.mtk.nao.ac.jp

**Umlenski Vasil**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
① 359 2 75 5019  
✉ vasil@astro.bas.bg

**Underhill Anne B**

2125 Eddington Dr.  
Suite 165  
Vancouver BC V6L 3A9  
Canada  
☎ 1 604 738 5042  
✉ underhill@astro.ubc.ca

**Underwood James H**

Lawrence Berkeley Lab  
Univ California  
X Ray Optics Lab 80 101  
Berkeley CA 94720  
USA  
☎ 1 510 486 4958  
① 1 510 486 6738

**Unger Stephen**

ING  
Santa Cruz de La Palma  
E 38780 Santa Cruz  
Spain  
☎ 34 922 40 5500  
① 34 922 42 5401

**Unno Wasaburo**

Res Inst Science/Tech  
Kinki Univ  
Higashi  
Osaka 577  
Japan  
☎ 81 672 12 332

**Unwin Stephen C**

CALTECH/JPL  
MS 301 486  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 5066  
① 1 818 393 5239  
✉ unwin@huey.jpl.nasa.gov

**Uomoto Alan K**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 338 8594  
① 1 410 516 7279  
✉ au@pha.jhu.edu

**Uppgren Arthur R**

349 Sciences Ctr  
Wesleyan Univ  
Middletown CT 06459  
USA  
☎ 1 860 685 3678  
① 1 860 685 2131  
✉ aupgren@wesleyan.edu

**Upson Walter L II**

Princeton Univ Observ  
Astrophysical Sciences  
Peyton Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 799 4221

**Upton E K I**

Dpt Astronomy/Phys  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 825 4434  
① 1 310 206 2096

**Uras Silvano**

Istt Astronomia  
Univ d Cagliari  
Via Ospedale 72  
I 09100 Cagliari  
Italy  
☎ 39 07 071 1246  
① 39 07 072 5425

**Urban Sean Eugene**

USNO  
3450 Massachusetts Ave NW  
Washington DC 20392 5420  
USA  
☎ 1 202 762 1445  
① 1 202 762 1516  
✉ seu@pyxis.usno.navy.mil

**Urbanik Marek**

Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 25 1294  
① 48 12 25 1318  
✉ urb@oa.uj.edu.pl

**Ureche Vasile**

Fac Mathematics  
Univ Cluj Napoca  
Ul Kogalniceanu 1  
RO 3400 Cluj Napoca  
Romania  
☎ 40 64 116 101  
① 40 64 194 592

**Urpo Seppo I**

Helsinki Univ Technology  
Radio Laboratory  
Otakaari 5 A  
FIN 02150 Espoo 15  
Finland  
☎ 358 9 451 2548  
① 358 9 451 2378

**Urry Claudia Megan**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4593  
① 1 410 338 4767  
✉ cmu@stsci.edu

**Usher Peter D**

Astronomy Dpt  
Pennsylvania State Univ  
507 Davey Lab  
University Park PA 16802  
USA  
☎ 1 814 865 3509  
① 1 814 863 7114

**Uson Juan M**

NRAO  
VLA  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7237  
① 1 505 835 7027

**Usovics Jerzy Bogdan**

Inst Radio Astronomy  
N Copernicus Univ  
Ul Gagarina 11  
PL 87 100 Torun  
Poland  
☎ 48 56 78 3327  
① 48 56 11 651

**Utsumi Kazuhiko**

Astronomy Dpt  
Hiroshima Univ  
Higashi Senda Machi  
Hiroshima 730  
Japan  
☎ 81 822 41 1221

**Uus Undo**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 416 625  
① 372 7 410 205

## V

**Vager Zeev**

Physics Dpt  
Weizmann Inst Sci  
Box 26  
Rehovot 76100  
Israel  
☎ 972 8 34 3835  
📠 972 8 34 4106

**Vagnetti Fausto**

Dpt Fisica/Astrofisica  
Univ d Roma Tor Vergata  
Via Ric Scientifica  
I 00133 Roma  
Italy  
☎ 39 06 725 94426  
📠 39 06 202 3507  
✉ vagnetti@  
itovt2.roma2.infn.it

**Vahia Mayank N**

TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 215 2971  
📠 91 22 215 2110  
✉ vahia@tifr.res.in

**Vaidya P C**

34 Sharda Naga  
PALDI  
Ahmedabad 380 007  
India  
☎ 91 272 41 3322

**Vainstein L A**

Lebedev Physical Inst  
Acad Sciences  
Leninsky.Pspt 53  
117924 Moscow  
Russia  
☎ 7 095 135 2250  
📠 7 095 135 7880

**Vakili Farrokh**

OCA  
Observ Calern/Caussols  
2130 r Observatoire  
F 06460 S Vallier Thiey  
France  
☎ 33 4 93 40 5383  
📠 33 4 93 40 5433  
✉ vakili@obs-azur.fr

**Valbousquet Armand**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 35 8200  
📠 33 3 88 25 0160

**Valdes Sada Pedro A**

Univ de Monterrey  
Dpt de Fisica y Matemat  
Av I. Morones Prieto 4500  
Pte.  
Garza Garcia N.L. 66238  
Mexico  
☎ 52 8 124 1000  
📠 52 8 124 5872  
✉ psada@ix.netcom.com

**Valenti Jeff A.**

STScI  
3700 San Martin Dr  
Baltimore MD 85726 6732  
USA  
☎ 1 520 318 8302  
📠 1 520 318 8360  
✉ jvalenti@stsci.edu

**Valentijn Edwin A**

Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4011  
📠 31 50 363 6100  
✉ E.A.Valentijn@  
pd.astro.it

**Valiron Pierre**

Observ  
Lab Astrophysique  
BP 53x  
F 38041 S Martin Heres Cdx  
France  
☎ 33 4 76 51 4787  
📠 33 4 76 44 8821

**Vallee Jacques P**

NRCC  
HIA  
5071 W. Saanich Rd  
Victoria BC V9E 2E7  
Canada  
☎ 1 250 363 6952  
📠 1 250 363 0045  
✉ jacques.vallee@nrc.ca

**Vallejo Miguel**

ROA  
Cecilio Pujazon 22 3 A  
E 11110 San Fernando  
Spain  
☎ 34 5 659 9000  
📠 34 5 659 9366  
✉ vallejo@roa.cica.es

**Vallenari Antonella**

Dpt Astronomia  
Univ di Padova  
Vic d Osservatorio 5  
I 35122 Padova  
Italy  
✉ vallenari@pd.astro.it

**Valls-Gabaud David**

OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
✉ dvg@ast.obs.mip.fr

**Valnicek Boris**

Astron Inst  
Czech Acad Sci  
Fricova 1  
CZ 251 65 Ondrejov  
Czech Rep  
☎ 420 204 85 7324  
📠 420 2 88 1611

**Valotto Carlos A**

Observ de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 433 1066  
📠 54 351 433 1066  
✉ val@oac.uncor.edu

**Valsecchi Giovanni B**

IAS CNR  
Rep Planetologia  
via Fosso del Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34446  
📠 39 06 206 60188  
✉ giovanni@ias.rm.cnr.it

**Valtaoja Esko**

Turku Univ  
Tuorla Observ  
Vaeisaelaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 274 4251  
📠 358 2 243 3767  
✉ valtaoja@  
deneb.astro.utu.fi

**Valtaoja Leena**

Turku Univ  
Tuorla Observ  
Vaeisaelaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 274 4251  
📠 358 2 243 3767  
✉ lvaltaoja@  
deneb.astro.utu.fi

**Valtier Jean-Claude**

OCA  
 Observ Nice  
 BP 4229  
 F 06304 Nice Cdx 4  
 France  
 ☎ 33 4 92 00 3069  
 ☎ 33 4 92 00 3033  
 ✉ Jean-Claude.Valtier@obs-nice.fr

**Valtonen Mauri J**

Turku Univ  
 Tuorla Observ  
 Vaeiselaentie 20  
 FIN-21500 Piikkio  
 Finland  
 ☎ 358 2 274 4245  
 ☎ 358 2 243 3767  
 ✉ mauri.valtonen@astro.uu.fi

**Val'tts Irina E**

Astro Space Ctr  
 Lebedev Physical Inst  
 PrBoxsojuznaya Ul 84/32  
 117810 Moscow  
 Russia  
 ☎ 7 095 333 2167  
 ☎ 7 095 333 2378  
 ✉ ivaltts@dpc.asc.rssi.ru

**Valyaev Valery**

10 Nab Kutusova  
 St Petersburg  
 Russia  
 ☎ 7 812 275 1006  
 ☎ 7 812 272 7968  
 ✉ sokolsky@iipah.spb.su

**van Albada Tjeerd S.**

Kapteyn Sterrekundig Inst  
 Univ Groningen  
 Box 800  
 NL 9700 AV Groningen  
 Netherlands  
 ☎ 31 50 363 4073  
 ☎ 31 50 363 6100  
 ✉ albada@astro.rug.nl

**van Allen James A**

Dpt Phys/Astronomy  
 Univ Iowa  
 605 Brookland Park Dr  
 Iowa City IA 52242 1479  
 USA  
 ☎ 1 319 353 4531  
 ☎ 1 319 335 1753

**van Altena William F**

Astronomy Dpt  
 Yale Univ  
 Box 208101  
 New Haven CT 06520 8101  
 USA  
 ☎ 1 203 432 3020  
 ☎ 1 203 432 5048  
 ✉ vanalten@yale.astro.edu

**van Beek Frank**

Dpt Mechan Eng  
 Techn Univ Delft  
 Mekelweg 2  
 NL 2628 CD Delft  
 Netherlands  
 ☎ 31 15 278 5396  
 ☎ 31 15 278 3444

**van Blerkom David J**

Astronomy Dpt  
 Univ Massachusetts  
 Amherst MA 01002  
 USA  
 ☎ 1 413 545 2290

**van Breugel Wil**

Radio Astronomy Lab  
 Univ California  
 601 Campbell Hall  
 Berkeley CA 94720  
 USA  
 ☎ 1 415 642 5275  
 ☎ 1 415 642 3411

**van Bueren Hendrik G**

Meidoornlaan 13  
 NL 3461 ES Linschoten  
 Netherlands  
 ☎ 31 34 801 5406

**van Citters Gordon W**

NSF  
 Div Astron Sci  
 4201 Wilson Blvd  
 Arlington VA 22230  
 USA  
 ☎ 1 703 306 1820  
 ☎ 1 703 306 0525  
 ✉ gvancitt@nsf.gov

**van de Stadt Herman**

SRON  
 Univ Groningen  
 Box 800  
 NL 9700 AV Groningen  
 Netherlands  
 ☎ 31 50 363 4073  
 ☎ 31 50 363 6100

**van de Weygaert Rien**

Kapteyn Sterrekundig Inst  
 Univ Groningen  
 Box 800  
 NL 9700 AV Groningen  
 Netherlands  
 ☎ 31 50 363 4086  
 ☎ 31 50 363 6100  
 ✉ weygaert@astro.rug.nl

**van den Bergh Sidney**

NRCC/HIA  
 DAO  
 5071 W Saanich Rd  
 Victoria BC V8X 4M6  
 Canada  
 ☎ 1 250 363 0006  
 ☎ 1 250 363 0045  
 ✉ vdb@dao.nrc.ca

**van den Heuvel Edward P J**

Astron Inst  
 Univ Amsterdam  
 Kruislaan 403  
 NL 1098 SJ Amsterdam  
 Netherlands  
 ☎ 31 20 525 7491  
 ☎ 31 20 525 7484  
 ✉ edvdh@astro.uva.nl

**van den Oord Bert H J**

Sterrekundig Inst Utrecht  
 Box 80000  
 NL 3508 TA Utrecht  
 Netherlands  
 ☎ 31 30 253 5200  
 ☎ 31 30 253 1601  
 ✉ oord@astro.uu.nl

**van der Borgh Rene**

31 The Promenade  
 Isle Box Capri  
 Surfers Paradise 4217  
 Australia  
 ☎ 61 38 5712

**van der Hucht Karel A**

SRON  
 Sorbonnelaan 2  
 NL 3584 CA Utrecht  
 Netherlands  
 ☎ 31 30 253 5600/5729  
 ☎ 31 30 254 0860  
 ✉ K.A.van.der.Hucht@sron.nl

**van der Hulst Jan M**

Kapteyn Sterrekundig Inst  
 Univ Groningen  
 Box 800  
 NL 9700 AV Groningen  
 Netherlands  
 ☎ 31 50 363 4054  
 ☎ 31 50 363 6100  
 ✉ vdulst@astro.rug.nl

**van der Klis Michiel**

Astron Inst  
 Univ Amsterdam  
 Kruislaan 403  
 NL 1098 SJ Amsterdam  
 Netherlands  
 ☎ 31 20 525 7498  
 ☎ 31 20 525 7484  
 ✉ michiel@astro.uva.nl

**van der Kruit Pieter C**

Kapteyn Astron Inst  
 Univ Groningen  
 Box 800  
 NL 9700 AV Groningen  
 Netherlands  
 ☎ 31 50 363 4062  
 ☎ 31 50 363 6100  
 ✉ vdkruit@astro.rug.nl

**van der Laan Harry**

Sterrekundig Inst Utrecht  
 Box 80000  
 NL 3508 TA Utrecht  
 Netherlands  
 ☎ 31 30 253 5200  
 ☎ 31 30 253 1601  
 ✉ H.vanderlaan@fys.ruu.nl

**van der Linden Ronald**

Royal Observ  
 Ringlaan 3  
 B 1180 Brussels  
 Belgium  
 ☎ 32 2 373 0491  
 ☎ 32 2 373 0224  
 ✉ ronald.vanderlinden@oma.be

**van der Marel Roeland P**

STScI/RPO  
 Homewood Campus  
 3700 San Martin Dr  
 Baltimore MD 21218  
 USA  
 ☎ 1 410 338 4931  
 ☎ 1 410 338 4767  
 ✉ marel@stsci.edu

**van der Raay Herman B**  
Physics Dpt  
Univ Birmingham  
Box 363  
Birmingham B15 2TT  
UK  
☎ 44 12 14 721 301

**van der Veen Wilhelmus EC**  
Astronomy Dpt  
Columbia Univ  
538 W 120th St  
New York NY 10027  
USA  
☎ 1 212 854 6831  
☎ 1 212 854 9504  
✉ wecj@  
carmen.phys.columbia.edu

**van der Walt D J**  
Physics Dpt  
Potchefstroom Univ  
for CHE  
2520 Potchefstroom  
South Africa  
☎ 27 148 299 2408  
☎ 27 148 299 2421  
✉ fskdjvdw@  
pukvm1.puk.ac.za

**van der Werf Paul P**  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5861  
☎ 31 71 527 5819  
✉ pvdwerf@  
strw.leidenuniv.nl

**van Dessel Edwin Ludo**  
Koninklijke Sterrenwacht  
van België  
Ringlaan 3  
B 1180 Brussel  
Belgium  
☎ 32 2 373 0240  
☎ 32 2 374 9822  
✉ edwin.vandessel@  
oma.be

**van Dishoeck Ewine F**  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5814/5833  
☎ 31 71 527 5819  
✉ ewine@  
strw.leidenuniv.nl

**van Dorn Bradt Hale**  
Ctr for Space Res  
MIT Rm 37 587  
77 Massachusetts Ave  
Cambridge MA 02139 4307  
USA  
☎ 1 617 253 7550  
☎ 1 617 253 0861  
✉ hale@space.mit.edu

**van Driel Willem**  
Observ  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7609  
☎ 33 1 45 07 7879  
✉ wim.van.driel@obspm.fr

**van Driel Gesztzlyi L**  
Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7609  
☎ 33 1 45 07 7879  
✉ Lidia.vanDriel@obspm.fr

**van Duinen R J**  
Chairman N W O  
Laan van Nw Oost Indie 131  
Box 9313  
NL 2509 AC The Hague  
Netherlands

**van Dyk Schuyler**  
IPAC/Caltech  
MS 100-22  
Pasadena CA 91125  
USA  
☎ 1 626 397 7044  
☎ 1 626 397 7021  
✉ vandyk@ipac.caltech.edu

**Van Flandern Tom**  
Meta Res  
6327 Western Av NW  
Washington DC 20015  
USA  
☎ 1 202 362 9176  
☎ 1 202 362 8279  
✉ tvf@mindspring.com

**van Genderen Arnoud M**  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 5856  
☎ 31 71 527 5819  
✉ genderen@  
leidenuniv.nl

**van Gorkom Jacqueline H**  
NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 772 4302  
☎ 1 505 835 7027  
✉ jvangork@  
astro.columbia.edu

**van Groningen Ernst**  
Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
☎ 46 18 471 5999  
✉ Ernst.van-Groningen@  
telia.com

**van Haarlem Michiel**  
NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5100  
☎ 31 521 59 7332  
✉ haarlem@nfra.nl

**van Hamme Walter**  
Dpt Phys/Astronomy  
Florida Intl Univ  
Univ Park  
Miami FL 33199  
USA

**van Hoolst Tim**  
Koninklijke Sterrenwacht  
van België  
Ringlaan 3  
B 1180 Brussel  
Belgium  
☎ 32 2 373 0668  
☎ 32 2 374 9822  
✉ timvh@oma.be

**van Horn Hugh M**  
NSF  
Div Astron Sci  
4201 Wilson Blvd  
Arlington VA 22230  
USA  
☎ 1 703 306 1820  
☎ 1 703 306 0525  
✉ hvanhorn@nsf.gov

**van Houten C J**  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 2727  
☎ 31 71 527 5819

**van Houten-Groeneveld I**  
Leiden Observ  
Box 9513  
NL 2300 RA Leiden  
Netherlands  
☎ 31 71 527 2727  
☎ 31 71 527 5819

**van Hoven Gerard**  
Univ California  
158 Sunny Cove  
Santa Cruz CA 95062  
USA  
☎ 1 831 475 1441  
✉ vanhoven@  
surfnetusa.com

**van Kerkwijk Marten H**  
Astron Inst  
Utrecht Univ  
Box 80000  
NL 3508 TA Utrecht  
Netherlands  
☎ 31 30 2535 203  
☎ 31 30 253 5201  
✉ M.H.vanKerkwijk@  
astro.uu.nl

**van Langevelde Huib Jan**  
JIVE  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5220  
☎ 31 521 59 7332  
✉ huib@jive.nfra.nl

**van Leeuwen Floor**  
Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523  
✉ fvl@asto.cam.ac.uk

**van Moorsel Gustaaf**  
NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7396  
① 1 505 835 7027  
✉ gvanmoor@nrao.edu

**van Nieuwkoop JIR**  
Prinsesselaan 12  
NL 7316 CN Apeldoorn  
Netherlands

**van Putten Maurice**  
MIT  
MS 2 378  
77 Massachusetts Avenue  
Cambridge MA 02139  
USA  
☎ 1 617 253 4073  
① 1 617 253 4358  
✉ mvp@schauder.mit.edu

**van Regemorter Henri**  
Observ  
DAMAP  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7444  
① 33 1 45 07 7121  
✉ Henri.VanRegemorter@obspm.fr

**van Rensbergen Walter**  
Astrysisch Inst  
Vrije Univ Brussel  
Pleinlaan 2  
B 1050 Brussel  
Belgium  
☎ 32 2 629 3497  
① 32 2 629 3424  
✉ wvanrens@vnet3.vub.ac.be

**van Riper Kenneth A**  
Box 4729  
Los Alamos NM 87544  
USA  
☎ 1 505 672 1105  
✉ kvr@rt66.com

**van Santvoort Jacques**  
Dpt Astrophysique  
Univ Mons Hainaut  
Pl du Parc 20  
B 7000 Mons  
Belgium  
☎ 32 65 373 727  
① 32 65 373 054  
✉ jvs@umh.ac.be

**van Speybroeck Leon P**  
Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7233  
① 1 617 495 7356  
✉ lvs@cfa.harvard.edu

**van Winckel Hans**  
Inst v Sterrenkunde  
Katholieke Univ Leuven  
Celestijnenlaan 200B  
B 3001 Heverlee  
Belgium  
☎ 32 16 32 7039  
① 32 16 32 7999  
✉ hans.vanwinckel@ster.kuleuven.ac.be

**van Woerden Hugo**  
Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4073/4066  
① 31 50 363 6100  
✉ secr@astro.rug.nl

**Vandas Marek**  
Astron Inst  
Czech Acad Sci  
Bočni II 1401  
CZ 141 31 Praha 4  
Czech Rep  
☎ 420 2 67 10 3061  
① 420 2 72 76 9023  
✉ vandas@ig.cas.cz

**Vanden Bout Paul A**  
NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 430 296 0241  
① 1 434 296 0385  
✉ pvandenb@nrao.edu

**VandenBerg Don**  
Physics Dpt  
Univ Victoria  
Box 1700  
Victoria BC V8W 2Y2  
Canada  
☎ 1 250 721 7739  
① 1 250 721 7715  
✉ davb@uvvm.uvic.ca

**Vandervoort Peter O**  
Astronomy/Astrophys Ctr  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 962 8209  
① 1 312 702 8212

**Vansevcis Vladas**  
Inst Physics  
Gostauto 12  
LT 2600 Vilnius  
Lithuania  
☎ 370 2 626 105  
① 370 2 617 070  
✉ vladas@mserv.itpa.lt

**van't Veer-Menneret Claude**  
Observ  
DASGAL  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2249  
① 33 1 45 07 7878

**van't-Veer Frans**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8048  
① 33 1 44 32 8001  
✉ vantveer@iap.fr

**Vapillon Loic J**  
Observ  
DESPA  
PI J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7623  
① 33 1 45 07 7971  
✉ Loic.Vapillon@obspm.fr

**Vardanian R A**  
Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
① 374 88 52 52 3640

**Vardavas Ilias Mihail**  
Physics Dpt  
Univ Crete  
Box 1527  
GR 711 11 Iraklion  
Greece  
☎ 30 81 23 6589  
① 30 81 23 9735

**Vardya M S**  
Seven Bunglows 502  
Vigyanshila  
Juhu-Versova Link Rd  
Mumbai 400 061  
India

**Varela Perez Antonia M**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 922 60 5200  
① 34 922 60 5210  
✉ avp@ll.iac.es

**Varma Ram Kumar**  
PRL  
Navrangpura  
Ahmedabad 380 009  
India  
☎ 91 79 646 2129  
① 91 79 630 1052  
✉ rkvarma@prl.ernet.in

- Varshalovich Dimitrij**  
Ife Physical Tech Inst  
Acad Sciences  
Polytechnicheskaya Ul 26  
194021 St Petersburg  
Russia  
☎ 7 812 247 2255  
📠 7 812 247 1017
- Varvoglis H**  
Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 8024  
📠 30 31 99 5384  
✉ varvogli@astro.auth.gr
- Vashkov Yak Sof-Ya N**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 139 3764  
📠 7 095 939 0126
- Vasileva Galina J**  
Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
📠 7 812 315 1701
- Vass Gheorghe**  
Astron Inst  
Romanian Acad Sci  
Cutitul de Argint 5  
RO 75212 Bucharest  
Romania  
☎ 40 1 335 6892  
📠 40 1 337 3389  
✉ gvass@roastro.astro.ro
- Vassiliev Nikolay N**  
Steklov Mathematical Inst  
Acad Sciences  
27 Nab Fontanki  
191187 St Petersburg  
Russia  
☎ 7 812 234 0574  
📠 7 812 310 5377  
✉ vasiliev@pdmi.ras.ru
- Vasu-Mallik Sushma**  
IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 9179/9180  
📠 91 80 553 4043
- Vats Hari OM**  
PRL  
Navrangpuva  
Ahmedabad 380 009  
India  
☎ 91 272 46 2129  
📠 91 272 44 5292  
✉ ips@prl.ernet.in
- Vauclair Gerard P**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
📠 33 5 61 27 3179
- Vauclair Sylvie D**  
OMP  
14 Av E Belin  
F 31400 Toulouse Cdx  
France  
☎ 33 5 61 25 2101  
📠 33 5 61 27 3179
- Vaughan Alan**  
Dept Physics  
Macquarie Univ  
Macquarie 2109  
Australia  
☎ 61 2 98 503 904  
📠 61 2 98 508 115  
✉ alanv@ics.mq.edu.au
- Vaughan Arthur H**  
Perkin Elmer Corp  
7421 Orangewood Av  
Garden Grove CA 92641  
USA  
☎ 1 714 895 1667
- Vauglin Isabelle**  
Observ  
Av Ch Andre  
F 69561 S Genis Laval Cdx  
France  
☎ 33 4 78 86 8521  
📠 33 4 78 86 8386  
✉ vauglin@obs.univ-lyon1.fr
- Vavilova Irina B**  
Astron Observ  
Kyiv State Univ  
Observatorna Str 3  
254053 Kyiv  
Ukraine  
☎ 380 44 216 0906  
📠 380 44 224 6387  
✉ vavilova@rcrm.freinet.kiev.ua
- Vavrova Zdenka**  
Na Kopecku 346 II  
CZ 379 01 Trebon  
Czech Rep  
☎ 420 333 2779
- Vaz Luiz Paulo Ribeiro**  
Physics Dpt  
UFMG  
CP 702  
30161 Belo Horizonte MG  
Brazil  
☎ 55 314 41 2541  
📠 55 314 49 5649  
✉ lpv@fisica.ufmg.br  
✉ luiz@astro.ku.dk
- Vazquez Manuel**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 226 2211  
📠 34 2 232 9117
- Vazquez Ruben Angel**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 217 308  
📠 54 221 211 761  
✉ rvazquez@fcaglp.edu.ar
- Vazquez-Semadeni Enrique**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
📠 52 5 616 0653  
✉ enro@astroscu.unam.mx
- Veck Nicholas**  
Marconi Res Centre  
West Hanningfield Rd  
Gt Baddow  
Chelmsford CM2 8HN  
UK  
☎ 44 12 45 733 31  
📠 44 12 45 752 44
- Vedel Henrik**  
Theoretical Astrophys Centre  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5903  
📠 45 35 32 5910  
✉ vedel@tac.dk
- Veeder Glenn J**  
CALTECH/IPL  
MS 183 501  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 7388  
📠 1 818 393 6030
- Vega E Irene**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 421 7308  
📠 54 221 421 1761  
✉ irene@uafe.uba.ar
- Veiga Carlos Henrique**  
CNPq  
r GI Jose Cristino 77  
21041 000 Rio de Janeiro  
Brazil  
☎ 55 21 589 2955  
📠 55 21 589 8972  
✉ cave@on.br
- Veillet Christian**  
CFHT Corp  
Box 1597  
Kamuela HI 96743  
USA  
☎ 1 808 885 3161  
📠 1 808 885 7288  
✉ veillet@cfht.hawaii.edu

**Veilleux Sylvain**

Astronomy Dpt  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 0282  
☎ 1 301 314 9067  
✉ veilleux@astro.umd.edu

**Veis George**

Geodesy Lab  
Nil Techn Univ  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414  
☎ 30 1 723 5122

**Veismann Uno**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 416 625  
☎ 372 7 410 205

**Vekstein Gregory**

Physics Dpt  
UMIST  
Box 88  
Manchester M60 1QD  
UK  
☎ 44 161 200 3913  
☎ 44 161 200 3669  
✉ grigory.vekstein@umist.ac.uk

**Velazquez Pablo F**

IAFE  
CC 67 Suc 28  
Buenos Aires 1428  
Argentina  
☎ 54 11 4781 6755  
☎ 54 11 4786 8114  
✉ pablov@iafe.uba.ar

**Velkov Kiril**

Astronomy Dpt  
Bulgarian Acad Sci  
72 Tsarigradsko Shosse Blvd  
BG 1784 Sofia  
Bulgaria  
☎ 359 2 75 8927  
☎ 359 2 75 5019

**Velli Marco**

Dpt Astronomia  
Univ d Firenze  
Largo E Fermi 5  
I 50125 Firenze  
Italy  
☎ 39 055 275 2217  
☎ 39 055 220 039  
✉ velli@arcetri.astro.it

**Velusamy T**

CALTECH/JPL  
MS 169 506  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 6112  
☎ 1 818 354 8895  
✉ velu@kuiper.jpl.nasa.gov

**Venkatakrishnan P**

Udaipur Solar Observ  
Physical Research Lab  
Dewali, Boxf Bari Rd  
Udaipur 313004  
India  
☎ 91 294 560 626  
☎ 91 294 526 325  
✉ pvk@uso.ernet.in

**Venn Kimberly A**

Macalester College  
1600 Grand Ave  
St Paul MN 55105  
USA  
☎ 1 651 676 6273  
☎ 1 651 676 6122  
✉ venn@cloure.physics.macalester.edu

**Vennik Jaan**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 7 410 274  
☎ 372 7 410 205  
✉ vennik@aai.ee

**Ventura Joseph**

Physics Dpt  
Univ Crete  
Box 2208  
GR 710 03 Heraklion  
Greece  
☎ 30 81 394 216  
☎ 30 81 394 201  
✉ ventura@physics.ucl.gr

**Ventura Rita**

Osserv Astronomico  
d Catania  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2258  
☎ 39 095 733 0592  
✉ rventura@astrct.ct.astro.it

**Venturi Tiziana**

Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9431  
✉ tventuri@astbo1.bo.cnr.it

**Venugopal V R**

12136 Brook Glen Drive  
Saratoga CA 95070  
USA  
☎ 1 408 253 3145  
✉ veervee@hotmail.com

**Verbeek Paul**

Toegepaste Wiskunde Inf  
Universiteit Gent  
Krijgslaan 281 S9  
B 9000 Gent  
Belgium  
☎ 32 9 264 4763  
☎ 32 9 264 4995

**Verbunt Franciscus**

Sterrekundig Inst Utrecht  
Box 80000  
NL 3508 TA Utrecht  
Netherlands  
☎ 31 30 253 5207  
☎ 31 30 253 1601  
✉ f.w.m.verbunt@astro.uu.nl

**Verdes-Montenegro**

**Lourdes**  
Inst Astrofisica  
Andalucia Apt 3004  
PrBox Albareda 1  
E 18080 Granada  
Spain  
☎ 34 95 812 1311  
☎ 34 95 881 4530  
✉ lourdes@iaa.es

**Verdet Jean-Pierre**

Observ  
DAN  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2206  
☎ 33 1 40 51 2347

**Verdun Andreas K**

Astronomisches Inst  
Univ Bern  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 631 85 95  
☎ 41 31 631 38 69  
✉ verdun@aiub.unibe.ch

**Veres Ferenc**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
☎ 36 1 275 4668

**Vereshchagin Sergei V**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 592 1207  
☎ 7 095 230 2081  
✉ svv@inasan.rssi.ru

**Vergez Madeleine**

OMP  
57 r d'Azereix  
F 65008 Tarbes Cedex  
France  
☎ 33 5 62 95 1969  
☎ 33 3 88 25 0160

**Vergnano A**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9000  
☎ 39 011 461 9030

- Vergne Maria Marcela**  
Observ  
Paseo d Bosque S/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 217 308  
☎ 54 221 258 985  
✉ mvergne@fcaglp.edu.ar
- Verheest Frank**  
Sterrekundig Observ  
Universiteit Gent  
Krijgslaan 281 S9  
B 9000 Gent  
Belgium  
☎ 32 9 264 4799  
☎ 32 9 264 4989  
✉ frank.verheest@rug.ac.be
- Verkhodanov Oleg**  
SAO  
Acad Sciences  
Nizhnij Arkhyz  
357147 Karachaevo  
Russia  
☎ 7 878 784 4749  
☎ 7 96 908 2861  
✉ vo@sao.ru
- Verma R P**  
TIFR  
Homi Bhabha Rd  
Colaba  
Bombay 400 005  
India  
☎ 91 22 219 111  
☎ 91 22 495 2110  
✉ vermarp@tifrvax.tifr.res.in
- Verma Satya Dev**  
Dpt Physics/Space Sci  
Univ School Sci  
Gujarat Univ  
Ahmedabad 380 009  
India  
☎ 91 272 44 0920
- Verma V K**  
Uttar Pradesh State  
Observ  
Po Manora Peak 263 129  
Nainital 263 129  
India  
☎ 91 59 42 2136
- Vermeulen Rene Cornelis**  
NFRA  
Box 2  
NL 7990 AA Dwingeloo  
Netherlands  
☎ 31 521 59 5262  
☎ 31 521 59 7332  
✉ rvermeulen@nfra.nl
- Verniani Franco**  
Istt d Fisica  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 260 991
- Veron Marie-Paule**  
OHP  
F 04870 S Michel Obs  
France  
☎ 33 4 92 70 6400  
☎ 33 4 92 76 6295  
✉ mira@obs-hp.fr
- Veron Philippe**  
OHP  
F 04870 S Michel Obs  
France  
☎ 33 4 92 70 6400  
☎ 33 4 92 76 6295  
✉ veron@obs-hp.fr
- Verschuereen Werner**  
OSTC  
Section Space Research  
Wetenschapsstraat 8  
B 1000 Brussel  
Belgium  
✉ verw@belspo.be
- Verschuur Gerrit L**  
4125 Yellow Cedar Cove  
Lakeland TN 38002  
USA  
☎ 1 901 372 5932  
✉ verschuur@aol.com
- Verter Frances**  
NASA GSFC  
Code 685  
Greenbelt MD 20771  
USA  
☎ 1 301 286 7860
- Vertypolokh Olexander Y**  
Observatorna street, 3  
Kyiv 53 04053  
Ukraine  
☎ 380 44 216 2391  
☎ 380 44 216 2630  
✉ vert@aoku.freenet.kiev.ua
- Vesecky J F**  
Radar Astronomy Inst  
Stanford Univ  
233 Durand  
Stanford CA 94305 4035  
USA  
☎ 1 415 723 1435  
☎ 1 415 723 4840
- Vetesnik Miroslav**  
Dpt Th Phys/Astrophys  
Masaryk Univ  
Kotlarska 2  
CZ 611 37 Brno  
Czech Rep  
☎ 420 5 4112 9481  
☎ 420 5 4121 1214  
✉ vetesnik@astro.sci.muni.cz
- Vettolani Giampaolo**  
Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9385  
☎ 39 051 639 9385  
✉ vettolani@ira.bo.cnr.it
- Veverka Joseph**  
Astronomy Dpt  
Cornell Univ  
512 Space Sc Bldg  
Ithaca NY 14853 6801  
USA  
☎ 1 607 256 3507  
☎ 1 607 255 1767
- Vial Jean-Claude**  
IAS  
Bt 121  
Universite Paris XI  
F 91405 Orsay Cdx  
France  
☎ 33 1 69 85 8631  
☎ 33 1 69 85 8675  
✉ jean-claude.vial@ias.fr
- Viala Yves**  
Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2116  
☎ 33 1 40 51 2002
- Viallefond Francois**  
Observ  
DEMIRM  
61 Av Observatoire  
F 75014 Paris  
France  
☎ 33 1 40 51 2116  
☎ 33 1 40 51 2002
- Vicente Raimundo O**  
R Mestre Aviz 30 r/c  
1495- 014 Alges  
Portugal  
☎ 351 21 411 2666  
☎ 351 21 395 3327  
✉ rvicente@fc.ul.pt
- Vidal Jean-Louis**  
GRAAL  
Univ Montpellier II  
Pl E Bataillon  
F 34095 Montpellier Cdx 5  
France  
☎ 33 4 67 14 3901  
☎ 33 4 67 14 4535  
✉ vidal@graal.univ-montp2.fr
- Vidal Nissim V**  
Inst Sci/Techn  
81 Bayit Vegan St  
Jerusalem 96427  
Israel  
☎ 972 2 413 411  
☎ 972 2 430 040
- Vidal-Madjar Alfred**  
IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8073  
☎ 33 1 44 32 8001  
✉ alfred@iap.fr



**Vidmachenko Anatoliy P**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 47 61  
☎ 380 44 266 21 47  
✉ vida@mao.kiev.ua

**Viegas Aldrovandi S M**

IAG  
Univ Sao Paulo  
CP 9638  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 577 8599  
☎ 55 11 276 3848  
✉ viegas@vax.iagusp.usp.br

**Vieira Martins Roberto**

Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 580 7313  
☎ 55 21 580 0332

**Vienne Alain**

Laboratoire Astronomie  
Universite Lille  
1 Imp Observatoire  
F 59000 Lille  
France  
☎ 33 3 20 52 4424  
☎ 33 3 20 58 0328  
✉ vienne@gat.uni-lille1.fr

**Vietri Mario**

Dpt Fisica E Amaldi  
Univ d Roma 3  
via Vasca Navale 84  
I 00147 Roma  
Italy  
☎ 39 06 551 77025  
☎ 39 06 557 9303  
✉ vietri@corelli.fis.uniroma3.it

**Vigier Jean-Pierre**

Lab Gravitation et  
Cosmologie Relativistes  
UPMC  
4 Place Jussieu  
Boite 142  
F 75252 Paris Cdx 05  
France

**Vigotti Mario**

Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9385  
☎ 39 051 639 9385  
✉ vigotti@ira.bo.cnr.it

**Vigroux Laurent**

Service Astrophysique  
CEA Saclay  
Orme d Merisiers Bt 709  
F 91190 Gif s Yvette Cdx  
France  
☎ 33 1 69 08 3912  
☎ 33 1 69 08 6577  
✉ lvigroux@cea.fr

**Viik Tonu**

Tartu Observ  
Estonian Acad Sci  
Toravere  
EE 2444 Tartumaa  
Estonia  
☎ 372 3 410 265  
☎ 372 7 410 205  
✉ viik@aai.ee

**Vila Samuel C**

Dr Ulles 184  
E 03224 Tarrasa  
Spain  
☎ 34 3 788 0310

**Vilas Faith**

NASA JSC  
Code SN3  
Houston TX 77058  
USA  
☎ 1 713 483 5056  
☎ 1 713 483 5347

**Vilas-Boas Jose W**

CRAAE INPE  
EPUSP/PTR  
CP 61548  
01065 970 Sao Paulo SP  
Brazil  
☎ 55 11 815 5936  
☎ 55 11 815 6289

**Vilchez Jose M**

IAA  
Andalucia Apt 3004  
Camino Bajo de Hueter s/n  
E 18080 Granada  
Spain  
☎ 34 95 812 1311  
✉ jvm@iaa.es

**Vilhena Rodolpho Moraes R**

DMA-FEG-UNESP  
12516 - 410 Guaratingueta  
San Paulo  
Brazil  
✉ rodolpho@feg.unesp.br

**Vilhu Osmi**

Helsinki Univ  
Observ  
Box 14  
FIN 00014 Helsinki  
Finland  
☎ 358 19 12 2801  
☎ 358 19 12 2952  
✉ osmi.vilhu@helsinki.fi

**Vilkki Erkki U**

4 Parc La Londe  
F 76130 Mont St Aignan  
France  
☎ 33 2 35 71 3562

**Vilkovskij Emmanuil Y**

Astrophys Inst  
Kazakh Acad Sci  
480068 Alma Ata  
Kazakstan  
☎ 7 62 4040

**Villada Monica Maria**

Observ  
de Cordoba  
Laprida 854  
5000 Cordoba  
Argentina  
☎ 54 351 423 0491  
☎ 54 351 421 0613  
✉ villada@oac.uncor.edu

**Villela Thyerso Neto**

INPE  
Dpt Astronomia  
CP 515  
12227 010 S Jose dos  
Campos  
Brazil  
☎ 55 123 41 8977\*278  
☎ 55 123 21 8743  
✉ villela@das.inpe.br

**Vilmer Nicole**

Observ  
DASOP  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7806  
☎ 33 1 45 07 7959  
✉ Nicole.Vilmer@obspm.fr

**Vince Istvan**

Astron Observ  
Volgina 7  
11160 Beograd  
Yugoslavia FR  
☎ 381 1 141 9357/421 875  
☎ 381 1 141 9553  
✉ ivince@aob.bg.ac.yu

**Vinko Jozsef**

Optics Dpt  
Jate Univ  
Dom ter 9  
HU 6720 Szeged  
Hungary  
☎ 36 6 231 1622  
☎ 36 3 631 1154

**Vinluan Renato**

Univ Southern  
Philippines  
Obrero Davao City 9501  
Philippines

**Vinod S Krishan**

IIA  
Koramangala  
Sarjapur Rd  
Bangalore 560 034  
India  
☎ 91 80 356 6585/6497  
☎ 91 80 553 4043

**Viollier Raoul D**

Inst Theoretical  
Physics/Astrophysics  
Physics Dpt  
Univ Capetown  
Rondebosch 7701  
South Africa  
☎ 27 21 685 5510  
☎ 27 21 650 3352  
✉ viollier@physci.uct.ac.za

**Viotti Roberto**

IAS CNR  
Area di Ricerca di Tor Vergata  
Via Fosso Cavaliere 100  
I 00133 Roma  
Italy  
☎ 39 06 499 34473  
☎ 39 06 206 60188  
✉ viotti@ias.rm.cnr.it

**Virgopia Nicola**

Dpt Matematica  
Univ d Roma La Sapienza  
Pl A Moro 2  
I 00185 Roma  
Italy  
☎ 39 06 499 13261  
☎ 39 06 499 13261  
✉ virgopia@  
axcasp.caspur.it

**Vishniac Ethan T**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 1429  
☎ 1 512 471 6016

**Vishveshwara C V**

RRI  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
☎ 91 80 334 0492

**Visvanathan Natarajan**

5 Dunoon St. O'Malley  
Canberra ACT 2606  
Australia  
☎ 61 2 6286 7115  
☎ 61 2 6249 0233  
✉ vis@mso.anu.edu.au

**Viti Serena**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 207 4193 484  
☎ 44 207 3807 145  
✉ sv@star.ucl.ac.uk

**Vitinskij Yuri I**

Pulkovo Observ  
Acad Sciences  
10 Kutuzov Quay  
196140 St Petersburg  
Russia  
☎ 7 812 298 2242  
☎ 7 812 315 1701

**Viton Maurice**

LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5900  
☎ 33 4 91 66 1855  
✉ Maurice.Viton@  
astrsp-mrs.fr

**Vittone Alberto Angelo**

Osserv d Capodimonte  
Via Moiriello 16  
I 80131 Napoli  
Italy  
☎ 39 08 144 0101  
☎ 39 08 145 6710

**Vittorio Nicola**

Istt Astronomico  
Univ d Roma La Sapienza  
Via G M Lancisi 29  
I 00161 Roma  
Italy  
☎ 39 06 440 3734  
☎ 39 06 440 3673

**Vityazev Andrei**

Inst Dynamics Geosp  
Acad Sciences  
Leninsky Pspt 38 bld 6  
117979 Moscow  
Russia  
☎ 7 095 939 7516  
☎ 7 095 137 6511  
✉ avit@orig.ipg.msk.su

**Vityazev Veneamin V**

Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 428 7129  
☎ 7 812 428 4259

**Vivekanand M**

RRI  
Sadashivanagar  
CV Raman Av  
Bangalore 560 080  
India  
☎ 91 80 334 0122  
☎ 91 80 334 0492

**Vivekananda Rao**

CASA  
Univ Osmania  
Hyderabad 500 007  
India  
☎ 91 868951\*247

**Vives Teodoro Jose**

Ctr Astron Hispano Aleman  
Reina 66 9b  
Apt C 511  
E 04002 Almeria  
Spain  
☎ 34 5 023 0988

**Vlachos Demetrius G**

Dpt Geodesy/Astron  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 1520

**Vladilo Giovanni**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
☎ 39 040 30 9418

**Vlahos Loukas**

Astronomy Lab  
Univ Thessaloniki  
GR 540 06 Thessaloniki  
Greece  
☎ 30 31 99 1357

**Voelk Heinrich J**

MPI Kernphysik  
Postfach 103 980  
D 69029 Heidelberg  
Germany  
☎ 49 622 151 6295  
☎ 49 622 151 5640

**Vogel Manfred**

Fachhochschule Aargau  
fur Technik, Wirtschaft &  
Gestaltung  
Klosterzelgstrasse  
CH 521 Windisch  
Switzerland  
☎ 41 56 462 4411  
☎ 41 56 462 4415

**Vogel Stuart Newcombe**

Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 1543  
☎ 1 301 314 9067  
✉ vogel@astro.umd.edu

**Voges Wolfgang H**

MPI  
Extraterrestr Physik  
Postfach 1312  
D 85741 Garching  
Germany  
☎ 49 89 30000 3572  
☎ 49 89 30000 3569  
✉ wvoges@mpe.mpg.de

**Voglis Nikos**

Astrophysics Section  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3211  
☎ 30 1 723 8413  
✉ nvogl@atlas.uoa.gr

**Vogt Nikolaus**

Luckengasse 26  
D 86720 Noedlingen  
Germany  
✉ nikolaus.vogt@  
t-online.de

**Vogt Steven Scott**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 429 2844  
☎ 1 831 426 3115

**Voigt Hans H**

Charlottenburger Str 19  
D 37070 Goettingen  
Germany

**Voitenko Yuriy M**

Dpt Space Plasma Physics  
Main Astron Obs NASU  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 1266 0028  
☎ 380 44 1266 2547  
✉ voitenko@mao.kiev.ua

**Vokrouhlicky David**

Astron Inst  
Charles Univ  
V Holesovickack 2  
CZ 180 00 Praha 8  
Czech Rep  
☎ 420 2 2191 2572  
☎ 420 2 688 5095  
✉ vokrouhl@  
mbox.cesnet.cz

**Volk Kevin**

Dpt Phys/Astronomy  
Univ Calgary  
2500 Univ Dr NW  
Calgary AB T2N 1N4  
Canada  
☎ 1 403 931 2366  
☎ 1 403 289 3331

**Volland H**

Astronomisches Inst  
Univ Bonn  
auf d Huegel 71  
D 53121 Bonn  
Germany  
☎ 49 228 73 3674  
☎ 49 228 73 3672

**Volonte Sergio**

ESA  
8 10 r Mario Nikis  
F 75738 Paris Cdx 15  
France  
☎ 33 1 53 69 7654  
☎ 33 1 53 69 7236

**Voloschuk Yuri I**

Kharkiv Tech Univ  
Radioelectronics  
Dpt Principes Radiotechnics  
14 Lenin Ave  
Kharkiv 61166  
Ukraine  
☎ 380 572 431 758  
✉ ort@khture.kharkov.ua

**Volyanskaya Margarita Yu**

Astronomy Dpt  
Odessa State Univ  
Schechenko Park  
270014 Odessa  
Ukraine  
☎ 380 4822 28442  
☎ 380 4822 28442  
✉ astro@paco.odessa.ua

**von Appen-Schnur  
Gerhard F**

Astronomisches Inst  
Ruhr Univ Bochum  
Postfach 102148  
D 44780 Bochum  
Germany  
☎ 49 234 700 4584  
☎ 49 234 709 4169  
✉ gfo.von-appen-schnur@  
astro.ruhr-uni-bochum.de

**von Borzeszkowski H H**

Einstein Laboratorium  
Telegrafenberg  
Schlaatzweg 1  
D 14473 Potsdam  
Germany  
☎ 49 331 275 3731

**von der Luehe Oskar**

Kiepenheuer Inst  
Sonnenphysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 319 80  
☎ 49 761 319 8111  
✉ ovdluhe@  
kis.uni-freiburg.de

**von Hippel Theodore A**

NOAO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 318 8142  
☎ 1 520 318 8360  
✉ ted@noao.edu

**von Hoerner Sebastian**

Krummenackerstr 186  
D 73733 Esslingen  
Germany

**von Steiger Rudolf**

ISSI  
Hallerstr 6  
CH 3012 Bern  
Switzerland  
☎ 41 31 631 4890  
☎ 41 31 631 4897  
✉ vsteiger@phim.unibe.ch

**von Weizsaecker C F**

Maximilianstr 15  
D 8130 Starnberg  
Germany

**Vondrak Jan**

Astron Inst  
Czech Acad Sci  
Bocni II 1401  
CZ 141 31-Praha 4  
Czech Rep  
☎ 420 267 103043  
☎ 420 204 620117  
✉ vondrak@ig.cas.cz

**Voroshilov V I**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 63110  
☎ 380 4426 62147

**Vorpahl Joan A**

748 23rd St  
Santa Monica CA 90402  
USA

**Voshchinnikov Nicolai**

Astron Observ  
St Petersburg Univ  
Bibliotchnaya Pl 2  
198904 St Petersburg  
Russia  
☎ 7 812 428 4162  
☎ 7 812 428 4259

**Vrba Frederick J**

USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 520 779 5132  
☎ 1 520 774 3626  
✉ fjv@nofs.navy.mil

**Vreux Jean Marie**

Inst Astrophysique  
Universite Liege  
Av Coite 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
☎ 32 4 254 7511  
✉ vreux@astro.ulg.ac.be

**Vriemann Sonja**

Dpt Astronomy  
Univ Cape Town  
Private Bag  
Rondebosch 7700  
South Africa  
☎ 27 21 650 4042  
☎ 27 21 650 3342  
✉ sonja@  
penguin.ast.uct.ac.za

**Vrsnak Bojan**

Hvar Observatory  
Fac Geodesy  
Kaciceva 26  
HR 10000 Zagreb  
Croatia  
☎ 385 1 442 600\*335  
☎ 385 1 445 410  
✉ bojan.vrsnak@  
uni-fg.ac.mail.yu

**Vrtilek Jan M**

CfA  
HCO/SAO MS 3  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7127  
☎ 1 617 495 7356  
✉ jvrtilek@cfa.harvard.edu

**Vrtilek Saeqa Dil**

CfA  
HCO/SAO MS 83  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7094  
☎ 1 617 496 7577  
✉ svrtilek@cfa.harvard.edu

**Vu Duong Tuyen**

IMCCE  
Observatoire de Paris  
77 Av Denfert Rochereau  
F 75014 Paris  
France  
☎ 33 1 40 51 2262  
☎ 33 1 46 33 2834

**Vucetich Hector**

Univ Nacional La Plata  
Dpt Fisica  
CC 67  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 4217 308  
☎ 54 221 4252 006  
✉ pipi@  
natura.fcaglp.unlp.edu.ar

**Vuillemin Andre**

LAS  
Traverse du Siphon  
Les Trois Lucs  
F 13376 Marseille Cdx 12  
France  
☎ 33 4 91 05 5900  
☎ 33 4 91 66 1855  
✉ Andre.Vuillemin@  
astrsp-mrs.fr

**Vujnovic Vladis**

Inst Physics  
Univ Zagreb  
Box 304  
HR 10000 Zagreb  
Croatia  
☎ 385 1 271 211

**Vukicevic K M**

Astronomy Dpt  
Univ Belgrade  
Studentski Trg 16  
11000 Beograd  
Yugoslavia FR  
☎ 381 1 163 8715  
☎ 381 1 163 0151

**Vyikutilova Marie**

Marsovice 47  
CZ 592 31 Nove Mesto NM  
Czech Rep  
☎ 420 616 916 304

# W

**Wachlin Felipe Carlos**

Observ  
Paseo d Bosque s/n  
1900 La Plata (Bs As)  
Argentina  
☎ 54 221 258 985  
① 54 221 258 985  
✉ fcagl@fcaglp.unlp.edu.ar

**Wada Keiichi**

NAOJ  
Osawa 2 21 2  
Mitaka 181 0015  
Japan  
☎ 81 422 34 3632  
① 81 422 34 3746  
✉ wada.keiichi@nao.ac.jp

**Waddington C Jake**

School Phys/Astronomy  
Univ Minnesota  
116 Church St SE  
Minneapolis MN 55455  
USA  
☎ 1 612 624 2566  
① 1 612 624 2029  
✉ wadd@physics.spa.umn.edu

**Wade Richard Alan**

Astronomy Dpt  
Pennsylvania State Univ  
525 Davey Lab  
University Park PA 16802  
USA  
☎ 1 814 865 3631  
① 1 814 863 7114  
✉ wade@astro.psu.edu

**Waelkens Christoffel**

Inst v Sterrenkunde  
Katholieke Univ Leuven  
Celestijnenlaan 200B  
B 3001 Heverlee  
Belgium  
☎ 32 16 32 7036  
① 32 16 32 7999  
✉ christoffel@ster.kuleuven.ac.be

**Wagner Raymond L**

Rockwell Intl  
Box 3105  
MS 031 BA06  
Anaheim CA 92803 3105  
USA  
☎ 1 714 762 1754  
① 1 714 762 2007  
✉ raymond\_l\_wagner@ccmail.anatcp.rockwell.com

**Wagner Robert M**

Lowell Observ  
1400 W Mars Hill Rd  
Box 1149  
Flagstaff AZ 86001  
USA  
☎ 1 520 774 3358  
① 1 520 774 6296

**Wagner Stefan**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9212  
① 49 622 150 9202  
✉ swagner@lsw.uni-heidelberg.de

**Wagner William J**

NASA Headquarters  
Code SS  
Space Physics Div  
Washington DC 20546  
USA

**Wagoner Robert V**

Stanford Univ  
Varian Physics Bldg  
Stanford CA 94305  
USA  
☎ 1 415 723 4561

**Wahlgren Glenn Michael**

Physics Dpt  
Univ Lund  
Soelvegatan 14  
SE 223 62 Lund  
Sweden  
☎ 46 46 222 7726  
① 46 46 222 4709  
✉ spek\_glenn@garbo.lucas.lu.se

**Wainwright John**

Applied Maths Dpt  
Univ Waterloo  
Waterloo ON N2L 3G1  
Canada  
☎ 1 519 885 1211  
① 1 519 746 6530  
✉ jwainwright@math.uwaterloo.ca

**Wakamatsu Ken-ichi**

Fac Eng  
Gifu Univ  
1 1 Yanagito  
Gifu 501 1193  
Japan  
☎ 81 582 93 2823  
① 81 582 30 1891  
✉ waka@info.gifu-u.ac.jp

**Wakker Bastiaan Pieter**

Astronomy Dpt  
Univ Wisconsin  
475 N Charter St  
Madison WI 53706 1582  
USA  
☎ 1 605 263 6589  
① 1 605 263 0361  
✉ wakker@astro.wisc.edu

**Wako Kojiro**

Intl Latitude Observ  
NAOJ  
Hoshigaoka Mizusawa Shi  
Iwate 023  
Japan  
☎ 81 197 24 7111  
① 81 197 22 7120

**Walborn Nolan R**

STSci  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4915  
① 1 410 338 4767  
✉ walborn@stsci.edu

**Walch Jean-Jacques**

OCA  
CERGA  
Av Copernic  
F 06130 Grasse  
France  
☎ 33 4 93 40 5385  
① 33 4 93 40 5353  
✉ jean-jacques.walch@obs-azur.fr

**Walder Rolf**

Inst Astronomie  
ETH Zentrum  
CH 8092 Zurich  
Switzerland  
☎ 41 1 632 4217  
① 41 1 632 4105  
✉ walder@astro.phys.ethz.ch

**Walker Alistair Robin**

NOAO  
CTIO  
Casilla 603  
La Serena  
Chile  
☎ 56 51 22 5415  
① 56 51 20 5342  
✉ awalker@noao.edu

**Walker Alta Sharon**

Box 1101  
McLean VA 22101  
USA  
☎ 1 703 428 7236  
① 1 703 428 6070  
✉ flexus@erols.com

**Walker David Douglas**

Dpt Phys/Astronomy  
UCL  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050\*3510  
① 44 171 380 7145  
✉ ddw@star.ucl.ac.uk

**Walker Edward N**  
Deudreys Cott Old Rd  
Hailsham  
E Sussex BN27 1PU  
UK

**Walker Gordon A H**  
Dpt Geophys/Astronomy  
UBC  
2075 Wesbrook Pl  
Vancouver BC V6T 1W5  
Canada  
☎ 1 604 228 4133  
① 1 604 228 6047  
✉ walker@astro.ubc.ca

**Walker Helen J**  
Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 821 900  
① 44 12 35 445 808

**Walker Ian Walter**  
Astronomy Dpt  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855  
① 44 14 13 349 029

**Walker Merle F**  
Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 429 2526  
① 1 831 426 3115

**Walker Richard L**  
USNO  
Flagstaff Station  
Box 1149  
Flagstaff AZ 86002 1149  
USA  
☎ 1 520 779 5132  
① 1 520 774 3626  
✉ wak@nofs.navy.mil

**Walker Robert M A**  
Physics Dpt  
Washington Univ  
Campus Box 1105  
St Louis MO 63130  
USA  
☎ 1 314 889 6225  
① 1 314 935 4083

**Walker Robert C**  
NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7247  
① 1 505 835 7027

**Walker William S G**  
Box 173  
Awanui 0552  
New Zealand  
✉ astronman@  
voyager.co.nz

**Wall Jasper V**  
Astrophysics Dpt  
Univ Oxford  
Keble Rd  
Oxford OX1 3RH  
UK

**Wallace Lloyd V**  
NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
① 1 520 325 9360

**Wallace Patrick T**  
Rutherford Appleton Lab  
Space/Astrophysics Div  
Bg R25/R68  
Chilton Didcot OX11 0QX  
UK  
☎ 44 12 35 445 372  
① 44 12 35 446 667  
✉ ptw@star.rl.ac.uk

**Wallace Richard K**  
LANL  
MS B257 X 7  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 5000  
① 1 505 665 4055

**Waller William H**  
NASA GSFC  
Code 681  
Greenbelt MD 20771  
USA  
☎ 1 301 286 5351  
① 1 301 286 1753  
✉ waller@  
stars.gsfc.nasa.gov

**Wallerstein George**  
Astronomy Dpt 351580  
Univ Washington  
Seattle WA 98195  
USA  
☎ 1 206 543 2888  
① 1 206 685 0403  
✉ wall@  
astro.washington.edu

**Wallin John Frederick**  
CSI MS 5C3  
George Mason Univ  
4400 Univ Dr  
Fairfax VA 22030  
USA  
☎ 1 703 993 3617  
① 1 703 993 1980  
✉ jwallin@gmu.edu

**Wallinder Fredrik**  
Univ Oerebro  
Inst Techn/Science  
SE 701 82 Oerebro  
Sweden  
✉ fredrik.wallinder@hoe.se

**Wallis Max K**  
Dpt Applied Maths/Astron  
Univ College  
Box 78  
Cardiff CF1 1XL  
UK  
☎ 44 12 22 442 11

**Walmisley C Malcolm**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 305  
① 49 228 525 229

**Walraven Th**  
Box 94  
Cornelia  
9850 Free State  
South Africa

**Walsh Dennis**  
NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
① 44 147 757 1618  
✉ dw@jb.man.ac.uk

**Walsh Robert**  
School Mathematics  
Univ St Andrews  
North Haugh  
St Andrews Fife KY16 9SS  
UK  
☎ 44 133 476 161  
① 44 133 474 487  
✉ robert@dcs.st.and.ac.uk

**Walter Frederick M**  
Dpt Phys/Astronomy  
Astronomy Program  
Suny at Stony Brook  
Stony Brook NY 11794 3800  
USA  
☎ 1 516 632 8232  
① 1 513 632 8176  
✉ fwalter@astro.sunysb.edu

**Walter Hans G**  
ARI  
Moenchstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 5134  
① 49 622 140 5297  
✉ walter@  
ari.uni-heidelberg.de

**Walter Roland**  
Observ  
Chemin d Maillettes 51  
CH 1290 Sauvigny  
Switzerland  
☎ 41 22 755 2611  
① 41 22 755 3983  
✉ roland.walter@  
obs.unige.ch

**Walterbos Rene A M**  
Astronomy Dpt  
NMSU  
Box 30001 Dpt 4500  
Las Cruces NM 88003  
USA  
☎ 1 505 646 5990  
① 1 505 646 1602  
✉ rwalterb@nmsu.edu

**Walton Nicholas A**  
Royal Greenwich Observ  
Apt 321  
Santa Cruz de La Palma  
E 38780 Santa Cruz  
Spain  
☎ 34 2 240 5500  
① 34 2 240 5646/405 501  
✉ naw@ing.iac.es

**Wambsganss Joachim**

Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9316  
☎ 49 331 749 9267  
✉ jwambsganss@aip.de

**Wampler E Joseph**

418 Walnut Av  
Santa Cruz CA 95060  
USA  
✉ jwampler@eso.org

**Wamsteker Willem**

ESA  
Apt 50727 Villafranca  
E 28080 Madrid  
Spain  
☎ 34 91 813 1189  
☎ 34 91 813 1192  
✉ wwamstek@notes.vilspa.esa.es

**Wan Fook Sun**

Mathematics Dpt  
Ntl Univ Singapore  
Kent Ridge  
Singapore 0511  
Singapore  
☎ 65 772 2742

**Wan Lai**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
☎ 86 21 6438 4618  
✉ sonk@center.shao.ac.cn

**Wan Tongshan**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
☎ 86 21 6438 4618

**Wanas Mamdouh Ishaac**

Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
☎ 20 2 572 7556  
✉ wanas@frcu.eun.eg

**Wang Chuanjin**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
☎ 86 25 330 1459

**Wang Dechang**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 64 6700/4205  
☎ 86 25 301 459

**Wang Gang**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6487 7288  
✉ wg@bao.ac.cn

**Wang Haimin**

Physics Dpt  
NJ Inst Technology  
323 High St  
Newark NJ 07102  
USA  
☎ 1 201 596 3562

**Wang Hongchi**

Purple Mountain Observ  
2 West Beijing Road  
Jiangsu  
Nanjing 210008  
China PR  
☎ 86 25 330 6865  
☎ 86 25 326 0069  
✉ hcwang@pmo.ac.cn

**Wang Huaning**

Beijing Astron Observ  
CAS  
Chaoyang District  
Beijing 100012  
China PR  
☎ 86 10 6485 2435  
☎ 86 10 6488 8716  
✉ whn@sun10.bao.ac.cn

**Wang Jiaji**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
☎ 86 21 6438 4002  
✉ wangjj@center.shao.ac.cn

**Wang Jia-Long**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6488 8704  
✉ wjl@bao.ac.cn

**Wang Jingxiu**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6488 8704  
✉ wjx@bao.ac.cn

**Wang Junjie**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6488 8731  
☎ 86 10 6488 8761  
✉ wangjj@bao.ac.cn

**Wang Keming**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6487 7288

**Wang Lan-Juan**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
☎ 86 21 6438 4618

**Wang Qingde Daniel**

Astronomy Dept  
Univ Massachusetts  
B 524 LGRT  
Amherst MA 01003  
USA  
☎ 1 413 545 2131  
☎ 1 413 545 4223  
✉ wqd@astro.umass.edu

**Wang Shouguan**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6488 8704  
✉ wangsg@bao.ac.cn

**Wang Shui**

Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 33 1134\*209  
☎ 86 551 33 1760

**Wang Shunde**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6488 8704

**Wang Tinggui**

Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 360 1852  
☎ 86 551 363 1760  
✉ twang@ustc.edu.cn

- Wang Ya'nan**  
Ctr for Astronomy  
Instrumen Res  
CAS  
Nanjing 210042  
China PR  
☎ 86 25 5411 776  
① 86 25 5411 872
- Wang Yiming**  
Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
① 86 871 717 1845
- Wang Yi-ming**  
NRL  
Code 4172 W  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 404 8460  
① 1 202 404 7997
- Wang Yiping**  
Purple Mountain Observ  
Academia Sinica  
Nanjing 210008  
China PR  
☎ 86 25 3317 874  
① 86 25 3301 459  
✉ YPWang@pmo.ac.cn
- Wang Yong**  
Box 846  
Nanjing 210042  
China PR  
☎ 86 25 550 7485  
① 86 25 550 7872  
✉ ylab@bao01.bao.ac.cn
- Wang Zhengming**  
Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0445  
① 86 29 389 0196  
✉ wangzm@ms.sxso.ac.cn
- Wang Zhenru**  
Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 37551\*2685  
① 86 25 330 2728  
✉ zrwang@nju.edu.cn
- Wang Zhong**  
CfA  
HCO/SAO MS 66  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7632  
① 1 617 495 7490  
✉ zwang@cfa.harvard.edu
- Wannier Peter Gregory**  
CALTECH/JPL  
MS 169 506  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 3347  
① 1 818 354 8895  
✉ peter@wannier.jpl.nasa.gov
- Ward Henry**  
Dpt Phys/Astronomy  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855\*4705  
① 44 14 13 349 029  
✉ gw10@physics.gla.uk
- Ward Martin John**  
Univ Leicester  
Dpt Physics/Astron  
Univ Road  
Leicester LE1 7HR  
UK  
☎ 44 116 252 3540  
① 44 116 252 3311  
✉ mjw@star.le.ac.uk
- Ward Richard A**  
LLNL  
L 13  
Box 808  
Livermore CA 94551 9900  
USA  
☎ 1 925 423 2679  
① 1 925 422 4643  
✉ raward@llnl.gov
- Ward William R**  
CALTECH/JPL  
MS 183 501  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 213 351 1321  
① 1 818 393 6030
- Wardle John F C**  
Physics Dpt  
Brandeis Univ  
Waltham MA 02154  
USA  
☎ 1 617 647 2889  
① 1 781 736 2915
- Warman Josef**  
Inst Astronomia  
UNAM  
Apt 70 264  
Mexico DF 04510  
Mexico  
☎ 52 5 622 3906  
① 52 5 616 0653
- Warmels Rein Herm**  
ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6292  
① 49 893 202 362  
✉ rwarmels@eso.org
- Warner Brian**  
Astronomy Dpt  
Univ Cape Town  
Private Bag  
7700 Rondebosch  
South Africa  
☎ 27 21 650 2391  
✉ warner@physci.uct.ac.za
- Warner John W**  
Perkin Elmer Corp  
MS 892  
100 Wooster Heights Rd  
Danbury CT 06810 7859  
USA  
☎ 1 203 796 7919
- Warner Peter J**  
MRAO  
Cavendish Laboratory  
Madingley Rd  
Cambridge CB3 0HE  
UK  
☎ 44 12 23 337 274  
① 44 12 23 354 599
- Warren Jr Wayne H**  
NASA GSFC  
8001 Brett Place  
Greenbelt MD 20770 3001  
USA  
☎ 1 301 474 0814  
① 1 301 441 2432  
✉ Wayne.H.Warren.1@gsfc.nasa.gov
- Warwick James W**  
2243 Dawson Cobe Lane  
South  
Clovis CA 93611 5998  
USA  
☎ 1 209 298 5090  
① 1 209 298 5090  
✉ warwick@spot.colorado.edu
- Warwick Robert S**  
Dpt Phys/X-Ray Astron  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 2073  
① 44 116 252 3311
- Washimi Haruichi**  
Inst Atmospheric Res  
Nagoya Univ  
3 13 Honohara  
Toyokawa Aichi 442  
Japan  
☎ 81 533 86 3154  
① 81 533 86 0811
- Wasserman Lawrence H**  
Lowell Observ  
1400 W Mars Hill Rd  
Flagstaff AZ 86001  
USA  
☎ 1 520 774 3358  
① 1 520 774 6296  
✉ lhw@lowell.edu
- Wasson John T**  
Inst Geophys/Planets  
UCLA  
Los Angeles CA 90095 1567  
USA  
☎ 1 310 825 1986  
① 1 310 206 3051



**Watanabe Jun-ichi**  
NAO  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3644  
① 81 422 34 3810  
✉ owatana@  
cl.mtk.nao.ac.jp

**Watanabe Noriaki**  
Chiba Univ Commerce  
1 3 1 Konodai  
Ichikawa  
Ishikawa 272  
Japan  
☎ 81 473 72 4111  
① 81 473 75 1105  
✉ watanabe@cuc.ac.jp

**Watanabe Takashi**  
Inst Atmospheric Res  
Nagoya Univ  
3 13 Honohara  
Toyokawa Aichi 442  
Japan  
☎ 81 533 86 3154  
① 81 533 86 0811

**Watanabe Tetsuya**  
Ntl Astron Observ  
2 21 1 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3714  
① 81 422 34 3700  
✉ watanabe@  
uvlab.mtk.nao.ac.jp

**Waters Laurens B F M**  
SRON  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4090  
① 31 50 363 4033  
✉ rens@rug.nl

**Waterworth Michael**  
7 Gleneagel St  
Kenmore QLD 4069  
Australia

**Watson Frederick Garnett**  
AAO  
Private Bag  
Coonabarabran NSW 2357  
Australia  
☎ 61 68 421 622  
① 61 68 422 288  
✉ FGW@  
aacbn1.aao.gov.au

**Watson Micheal G**  
Dpt Phys/X-Ray Astron  
Univ Leicester  
Univ Rd  
Leicester LE1 7RH  
UK  
☎ 44 116 252 3491  
① 44 116 250 182  
✉ ngw@star.le.ac.uk

**Watson Robert**  
IAC  
Observ d Teide  
via Lactea s/n  
E 38200 La Laguna  
Spain  
☎ 34 2 260 5276  
① 34 2 240 5646/405 501  
✉ raw@ll.iac.es

**Watson Robert**  
Physics Dpt  
Univ Tasmania  
GPO Box 252c  
Hobart TAS 7001  
Australia  
☎ 61 2 202 415  
① 61 2 202 410

**Watson William D**  
Physics Dpt  
Univ Illinois  
1110 W Green St  
Urbana IL 61801 3080  
USA  
☎ 1 217 333 7240  
① 1 217 333 9819

**Watt Graeme David**  
Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 961 3756  
① 1 808 961 6516  
✉ gdw@jach.hawaii.edu

**Wdowiak Thomas J**  
Physics Dpt  
Univ Alabama  
Birmingham AL 35294  
USA  
☎ 1 205 934 4736

**Weaver Harold F**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 5004  
① 1 410 338 4767  
✉ weaver@stsci.edu

**Weaver Kimberly A**  
NASA/GSFC  
Code 662  
Greenbelt MD 20771  
USA  
☎ 1 301 286 4256  
① 1 301 286 1684  
✉ Kweaver@  
milkyway.gsfc.nasa.gov

**Weaver Thomas A**  
884 Holly Hill Dr  
Walnut Creek CA 94596  
USA  
☎ 1 415 423 1850  
✉ weaver@kepler.llnl.gov

**Weaver William Bruce**  
Monterey Inst Res  
in Astronomy  
200 Eighth St  
Marina CA 93933  
USA  
☎ 1 408 883 1000  
① 1 408 883 1031  
✉ lc@mira.org

**Webb David F**  
Boston College  
AFRL / VSBXS  
29 Randolph Road  
Hanscom AFB MA 01731  
3010  
USA  
☎ 1 781 377 3086  
① 1 781 377 3160  
✉ david.webb@  
hanscom.af.mil

**Webb John**  
School Physics  
UNSW  
BOX 1  
Kensington NSW 2033  
Australia  
☎ 61 6 268 8801  
① 61 2 663 3420  
✉ jkw@  
edwin.phys.unisw.edu.au

**Webber John C**  
NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0287  
✉ jwebber@nrao.edu

**Webbink Ronald F**  
Dpt Astron/Physics  
Univ Illinois  
1011 W Springfield Av  
Urbana IL 61801  
USA  
☎ 1 217 333 9582  
① 1 217 244 7638

**Weber Stephen Vance**  
LLNL  
L 477  
Box 808  
Livermore CA 94551 9900  
USA

☎ 1 415 422 5433  
① 1 415 423 0238  
✉ svweber@llnl.gov

**Webrova Ludmila**  
Na Malem Klinu 16  
CZ 182 00 Praha 8  
Czech Rep  
☎ 420 2 841 301

**Webster Adrian S**  
Joint Astronomy Ctr  
660 N A'ohoku Pl  
Univ Park  
Hilo HI 96720  
USA  
☎ 1 808 961 3756  
① 1 808 961 6516

**Webster Rachel**  
School Physics  
Univ Melbourne  
Parkville VIC 3022  
Australia  
☎ 61 3 8344 5450  
📠 61 3 9347 4683  
✉ webster@  
physics.unimelb.edu.au

**Weedman Daniel W**  
Div Astron Sci  
NSF  
4201 Wilson Blvd  
Arlington VA 22230  
USA  
☎ 1 703 306 1820  
📠 1 703 306 0525  
✉ dweedman@nsf.gov

**Weekes Trevor C**  
FLWO  
Cfa  
Box 97  
Amado AZ 85645 0097  
USA  
☎ 1 617 495 7461  
📠 1 617 495 7326

**Wegner Gary Alan**  
Dpt Phys/Astronomy  
Dartmouth College  
6127 Wilder Lab  
Hanover NH 03755  
USA  
☎ 1 603 646 2359  
📠 1 603 646 1446  
✉ gary.wegner@  
dartmouth.edu

**Wehinger Peter A**  
Phys/Astronomy Dpt  
Arizona State Univ  
Astronomy Program  
Tempe AZ 85287 1504  
USA  
☎ 1 480 965 4063  
📠 1 480 727 6019  
✉ peter.wehinger@asu.edu

**Wehlau Amelia**  
Dpt Phys/Astronomy  
Univ W Ontario  
London ON N6A 3K7  
Canada  
☎ 1 519 679 3186  
📠 1 519 661 3486  
✉ afwehlau@nve.uwo.ca

**Wehrle Ann Elizabeth**  
CALTECH  
MS 100 22  
IPAC  
Pasadena CA 91125  
USA  
☎ 1 818 397 9588  
📠 1 818 397 9600  
✉ aew@ipac.caltech.edu

**Wehrse Rainer**  
Inst Theor Astrophysik  
d Univer  
Im Neuenheimer Feld 561  
D 69120 Heidelberg  
Germany  
☎ 49 622 156 2837  
📠 49 622 154 4221  
✉ b28@  
rw.iwe.uni-heidelberg.de

**Wei Daming**  
Purple Mountain Observ  
West Beijing Road 2  
Jiangsu  
Nanjing 210008  
China PR  
☎ 86 25 330 7381  
📠 86 25 330 7381  
✉ dmwei@pmo.ac.cn

**Wei Mingzhi**  
Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 4911  
📠 1 831 426 3115  
✉ wmz@ucscloa.ucsc.edu

**Wei Wenren**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191\*506  
📠 86 21 6438 4618  
✉ wwr@center.shao.ac.cn

**Weidemann Volker**  
Inst Theor Phys/  
Sternwarte Univ Kiel  
Olshausenstr 40  
D 24098 Kiel  
Germany  
☎ 49 431 880 4110  
📠 49 431 880 4432  
✉ supas058@  
astrophysik.uni-kiel.d400.de

**Weidenschilling S J**  
Planetary Science Inst  
620 N Sixth Av  
Tucson AZ 85705 8331  
USA  
☎ 1 520 662 6300  
📠 1 520 622 8060  
✉ sjw@psi.edu

**Weigelt Gerd**  
RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 243  
📠 49 228 525 229  
✉ p561gwe@  
mpifr-bonn.mpg.de

**Weiler Edward J**  
NASA Headquarters  
Code SZ  
600 Independence Av SW  
Washington DC 20546  
USA  
☎ 1 202 358 0370  
📠 1 202 358 3096  
✉ eweiler@  
gm.ossaq.nasa.gov

**Weiler Kurt W**  
NRL  
Code 4131  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA  
☎ 1 202 767 0292  
📠 1 202 404 8894  
✉ kweiler@  
shimmer.nrl.navy.mil

**Weill Gilbert M**  
Spot Image Corp  
1897 Preston White Dr  
Reston VA 22091 4326  
USA  
☎ 1 703 620 2200

**Weimer Theophile P F**  
Observ  
61 Av Observatoire  
F 75014 Paris  
France

**Weinberg J L**  
3440 Quian Ridge Drive  
Snellville, GA 30039  
USA

**Weinberg Steven**  
Astronomy Dpt  
Theory Group  
Univ Texas  
Austin TX 78712 1083  
USA  
☎ 1 512 471 4394  
📠 1 512 471 6016

**Weinberger Ronald**  
Inst Astronomie  
Technikerstr 15  
A 6020 Innsbruck  
Austria  
☎ 43 512 507 6035  
📠 43 512 507 2923  
✉ Ronald.Weinberger@  
uibk.ac.at

**Weis Edward W**  
Astronomy Dpt  
Van Vleck Observ  
Wesleyan Univ  
Middletown CT 06457  
USA  
☎ 1 203 347 9411  
📠 1 860 865 2131

**Weis Kerstin**  
Inst Theor Astrophysik  
d Univer  
Tiergartenstr 15  
D 69121 Heidelberg  
Germany  
☎ 49 6221 546 713  
📠 49 6221 544 221  
✉ kweis@  
ita.uni-heidelberg.de

**Weisberg Joel Mark**  
Dpt Phys/Astronomy  
Carleton College  
Northfield MN 55057  
USA  
☎ 1 507 663 4367

**Weisheit Jon C**  
Dpt Phys/Astronomy  
Rice Univ  
Box 1892  
Houston TX 77251 1892  
USA  
☎ 1 713 527 4654  
📠 1 713 285 5143  
✉ jonw@zeno.rice.edu

**Weiss Achim**

MPA  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 893 299 00  
☎ 49 893 299 3235  
✉ aweiss@mpa-garching.mpg.de

**Weiss Nigel O**

Dpt Appl Maths/Theor Phys  
Silver Street  
Cambridge CB3 9EW  
UK  
☎ 44 12 23 379 10  
☎ 44 12 23 337 918

**Weiss Werner W**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 870  
☎ 43 1 427 79518  
✉ weiss@astro.univie.ac.at

**Weisskopf Martin Ch**

NASA MSFC  
Space Science Lab  
Code ES 01  
Huntsville AL 35812  
USA  
☎ 1 205 544 7740  
☎ 1 205 547 7754  
✉ weisskopf@sslmsfc.nasa.gov

**Weissman Paul Robert**

CALTECH/JPL  
MS 183 601  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 2636  
☎ 1 818 393 6030

**Weistrop Donna**

Physics Dpt  
Univ Nevada  
4505 S Maryland Parkway  
Las Vegas NV 89154  
USA  
☎ 1 702 739 3653  
☎ 1 702 739 0804  
✉ weistrop@nevada.edu

**Welch Douglas L**

Dpt Phys/Astronomy  
McMaster Univ  
Hamilton ON L8S 4M1  
Canada  
☎ 1 905 525 9140\*23186  
☎ 1 905 546 1252  
✉ welch@physics.mcmaster.ca

**Welch Gary A**

Astronomy Dpt  
St Mary's Univ  
Halifax NS B3H 3C3  
Canada  
☎ 1 902 420 5637  
☎ 1 902 420 5141  
✉ gwelch@orion.stmarys.ca

**Welch William J**

Radio Astronomy Lab  
Univ California  
601 Campbell Hall  
Berkeley CA 94720  
USA  
☎ 1 415 642 6679  
☎ 1 415 642 6424

**Weller Charles S**

P.O. Box 3712  
Sequim WA 98382  
USA  
✉ cweller@olympen.com

**Wellgate G Bernard**

Caneheath House  
Arlington  
Polegate BN26 6SJ  
UK

**Wellington Kelvin**

14A Murray Rd  
BeecrBoxt  
NSW 2119  
Australia  
☎ 61 2 9372 4375  
☎ 61 2 9372 4430  
✉ Kel.Wellington@atnf.csiro.au

**Wellmann Peter**

Inst Astron/Astrophysik  
Univ Sternwarte  
Scheinerstr 1  
D 81679 Muenchen  
Germany  
☎ 49 899 890 21  
☎ 49 899 220 9427

**Wells Donald C**

NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0277  
☎ 1 434 296 0278  
✉ dwells@nrao.edu

**Wells Eddie Neil**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4788  
☎ 1 410 338 4767  
✉ wells@stsci.edu

**Welsh William F**

Astronomy Dpt  
Univ Texas  
R1m15 308/Mail Code  
C1400  
Austin TX 78712  
USA  
☎ 1 512 471 6332  
☎ 1 512 471 6016  
✉ wfw@astro.as.utexas.edu

**Wendker Heinrich J**

Hamburger Sternwarte  
Univ Hamburg  
Gojenbergsweg 112  
D 21029 Hamburg  
Germany  
☎ 49 407 252 4112  
☎ 49 407 252 4198

**Wenger Marc**

Observ  
11 r Universite  
F 67000 Strasbourg  
France  
☎ 33 3 88 15 0761  
☎ 33 3 88 25 0160  
✉ wenger@astro.u-strasbg.fr

**Weniger Scharne**

23bis r R Schuman  
F 94270 Kremlin Bicetre  
France

**Wentzel Donat G**

Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 1518  
☎ 1 301 314 9067  
✉ wentzel@astro.umd.edu

**Werner Klaus**

Inst Theor Phys/  
Sternwarte Univ Kiel  
Olshausenstr 40  
D 24098 Kiel  
Germany  
☎ 49 431 880 4106  
☎ 49 431 880 4100  
✉ supas075@astrophysik.uni-kiel.d400.de

**Wesemael Francois**

Dpt d Physique  
Universite Montreal  
CP 6128 Succ A  
Montreal QC H3C 3J7  
Canada  
☎ 1 514 343 7355  
☎ 1 514 343 2071

**Wesselius Paul R**

SRON  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands  
☎ 31 50 363 4074  
☎ 31 50 363 4033  
✉ paul@guspace.rug.nl

**Wesson Paul S**

Physics Dpt  
Univ Waterloo  
Waterloo ON N2L 3G1  
Canada  
☎ 1 519 885 1211  
☎ 1 519 746 8115

**West Michael**

Dpt Astron/Physics  
Saint Mary's Univ  
Halifax  
Nova Scotia B3H 3C3  
Canada  
☎ 1 902 496 8175  
☎ 1 902 422 05141  
✉ west@sisyphus.stmarys.ca

**West Richard M**  
ESO  
Karl Schwarzschildstr 2  
D 85748 Garching  
Germany  
☎ 49 893 200 6276  
① 49 893 202 362  
✉ rwest@eso.org

**Westergaard Niels J**  
Danish Space Res Inst  
Juliane Maries Vej 30  
DK 2100 Copenhagen  
Denmark  
☎ 45 35 32 5705  
① 45 35 36 2475  
✉ njw@dsri.dk

**Westerhout Gert**  
811 West 38th Str  
Baltimore MD 21211 2203  
USA  
☎ 1 410 235 5834  
✉ westerhout@compuserve.com

**Westerlund Bengt E**  
Astron Observ  
Box 515  
SE 751 20 Uppsala  
Sweden  
☎ 46 18 471 5950  
① 46 18 471 5999  
✉ bengt.westerlund@astro.uu.se

**Westfold Kevin C**  
7 Beamsley St  
Malvern  
Victoria 3144  
Australia

**Westphal James A**  
CALTECH  
MS 170 25  
Pasadena CA 91125  
USA  
☎ 1 818 395 4900  
① 1 818 585 1917  
✉ jaw@caltech.edu

**Wetherill George W**  
Dpt Terrestri Magnetism  
Carnegie Inst Washington  
5241 Bd Branch Rd NW  
Washington DC 20015 1305  
USA  
☎ 1 202 686 4370 \*4375  
① 1 202 364 8726  
✉ wetherill@eros.ciw.edu

**Weymann Ray J**  
Carnegie Observ  
813 Santa Barbara St  
Pasadena CA 91101 1292  
USA  
☎ 1 818 577 1122  
① 1 818 795 8136

**Wheeler J Craig**  
Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 6407  
① 1 512 471 6016  
✉ wheel@astro.as.texas.edu

**Wheeler John A**  
Physics Dpt  
Princeton Univ  
Jadwin Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 258 4400  
① 1 609 258 1124  
✉ dwms@mso.anu.oz.au

**Whipple Arthur L**  
McDonald Observ  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 6332  
① 1 512 471 6016

**Whipple Fred L**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7200  
① 1 617 495 7356

**Whitaker Ewen A**  
Lunar/Planetary Lab  
Room 325 Bg 92  
Univ Arizona  
Tucson AZ 85721 0092  
USA  
☎ 1 520 621 2888  
① 1 520 621 4933

**White Glenn J**  
Unit Space Sciences  
Physics Dpt  
Univ Kent  
Cantebury CT2 7NR  
UK  
☎ 44 12 27 827654  
✉ g.j.white@ukc.ac.uk

**White Graeme Lindsay**  
Nepean Centre Astronomy  
UWS  
Box 10  
Kingswood NSW 2747  
Australia  
☎ 61 2 9678 7505  
① 61 2 9678 7208  
✉ gwhite@uws.edu.au

**White James Clyde II**  
Rhodes College  
Dpt Physics  
Memphis TN 38112  
USA  
☎ 1 901 843 3915  
① 1 901 843 3117  
✉ jwhite@rhodes.edu

**White Nathaniel M**  
Lowell Observ  
1400 W Mars Hill Rd  
Box 1149  
Flagstaff AZ 86001  
USA  
☎ 1 520 774 3358  
① 1 520 774 6296  
✉ nmw@lowell.edu

**White Nicholas Ernest**  
NASA GSFC  
Code 662  
Greenbelt MD 20771  
USA  
☎ 1 301 286 8443  
① 1 301 286 1684  
✉ white@adhoc.gsfc.nasa.gov

**White Oran R**  
7690 Country Road  
Mancos CO 81328  
USA  
☎ 1 970 533 7318  
✉ white@hao.ucar.edu

**White R Stephen**  
IGPP  
Univ California  
Riverside CA 92521  
USA  
☎ 1 714 787 4503

**White Raymond Edwin III**  
Dpt Phys/Astronomy  
Univ Alabama  
Box 870324  
Tuscaloosa AL 35487 0324  
USA  
☎ 1 205 348 1640  
① 1 520 621 1532  
✉ white@merkin.astr.ua.edu

**White Raymond E**  
Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 6528  
① 1 520 621 1532  
✉ rwhite@as.arizona.edu

**White Richard L**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4797  
① 1 410 338 4767

**White Richard E**  
Astronomy Dpt  
Smith College  
Clark Science Ctr  
Northampton MA 01063  
USA  
☎ 1 413 584 2700

**White Simon David Manion**  
MPI Astrophysik  
Karl Schwarzschildstr 1  
D 85748 Garching  
Germany  
☎ 49 89 3299 3211  
① 49 89 3243 3899  
✉ swwhite@mpa-garching.mpg.de

**White Stephen Mark**

Astronomy Dpt  
Univ Maryland  
College Park MD 20742  
2421  
USA

☎ 1 301 405 1547  
☎ 1 301 314 9067  
✉ white@astro.umd.edu

**Whitelock Patricia Ann**

SAAO  
PO Box 9  
7935 Observatory  
South Africa

☎ 27 21 447 0025  
☎ 27 21 447 3639  
✉ paw@sao.ac.za

**Whiteoak John B**

CSIRO  
ATNF  
Box 76  
Epping NSW 2121  
Australia

☎ 61 2 9372 4110  
☎ 61 2 9372 4310  
✉ jwhiteoa@atnf.csiro.au

**Whitford Albert E**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA

☎ 1 831 429 2149  
☎ 1 831 426 3115

**Whitmore Bradley C**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA

☎ 1 410 338 4743  
☎ 1 410 338 4767  
✉ whitmore@stsci.edu

**Whitney Charles A**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA

☎ 1 617 496 5405  
☎ 1 617 495 7356  
✉ cwhitney@  
cfa.harvard.edu

**Whitrow Gerald James**

41 Home Park Rd  
Wimbledon  
London SW19 7HS  
UK  
☎ 44 208 947 343 467

**Whittet Douglas C B**

Physics Dpt  
Rensselaer Polytechn Inst  
Troy NY 12180 3590  
USA

☎ 1 518 276 6310  
☎ 1 518 276 6680

**Whittle D Mark**

Univ Station  
Univ Virginia  
Box 3818  
Charlottesville VA 22903  
0818  
USA

☎ 1 864 924 4900  
✉ dmw8f@virginia.edu

**Whitworth Anthony Peter**

Dpt Applied Maths/Astron  
Univ College  
Box 78  
Cardiff CF1 1XL  
UK

☎ 44 12 22 442 11

**Wickramasinghe D T**

Australian Ntl Univ  
Applied Maths Dpt  
Box 4  
Canberra Act 2600  
Australia

**Wickramasinghe N C**

Dpt Applied Maths/Astron  
Univ College  
Box 78  
Cardiff CF1 1XL  
UK

☎ 44 12 22 442 11

**Widemann Thomas**

Service Aeronomie  
BP 3  
F 91371 Verrieres Buisson  
France

☎ 33 1 64 47 5256  
☎ 33 1 69 20 2999  
✉ widemann@  
acrov.jussieu.fr

**Widing Kenneth G**

NRL  
Code 7144  
4555 Overlook Av SW  
Washington DC 20375 5000  
USA

☎ 1 202 767 2605

**Wiebe Dmitri**

Inst Astronomy  
Acad Sciences  
Pyatnitskaya Ul 48  
109017 Moscow  
Russia  
☎ 7 095 951 5461  
☎ 7 095 230 2081  
✉ dwiebe@inasan.rssi.ru

**Wiedling Tor**

Ostra Villavagen 15  
SE 611 36 Nykoping  
Sweden

**Wiehr Eberhard**

Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany  
☎ 49 551 395 053  
☎ 49 551 395 043

**Wielebinski Richard**

MPIfR  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 300  
☎ 49 228 525 436  
✉ rwielebinski@  
mpifr-bonn.mpg.de

**Wielen Roland**

ARI  
Moenchstr 12-14  
D 69120 Heidelberg  
Germany  
☎ 49 622 140 5122  
☎ 49 622 140 5297  
✉ wielen@  
ari.uni-heidelberg.de

**Wiese Wolfgang L**

NIST  
Physics Div  
270/Quince Orchard Rd  
Gaithersburg MD 20899  
USA

☎ 1 301 975 3201  
☎ 1 301 975 3038  
✉ wolfgang.wiese@nist.gov

**Wiita Paul Joseph**

Dpt Phys/Astronomy  
Georgia State Univ  
Atlanta GA 30303 3083  
USA

☎ 1 404 651 1367  
☎ 1 404 651 1389  
✉ wiita@chara.gsu.edu

**Wijnbergen Jan**

Kapteyn Sterrekundig Inst  
Univ Groningen  
Box 800  
NL 9700 AV Groningen  
Netherlands

☎ 31 50 363 4073  
☎ 31 50 363 6100

**Wiklund Tommy**

Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden

☎ 46 31 772 5537  
☎ 46 31 772 5590  
✉ tommy@oso.chalmers.se

**Wild John Paul**

CSIRO  
Limestone Av  
Box 225  
Dickson ACT 2602  
Australia  
☎ 61 62 484 595

**Wild Paul**

Astronomisches Institut  
Univ Bern  
Sidlerstr 5  
CH 3012 Bern  
Switzerland  
☎ 41 31 631 3892  
☎ 41 31 631 3869

**Wilkening Laurel L**

Univ Arizona  
Admin Bg 601  
Tucson AZ 85721  
USA

☎ 1 520 626 3513

**Wilkes Belinda J**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7268  
📠 1 617 495 7356

**Wilkins George A**  
Windward Higher Brook  
Meadow  
Sidford  
Sidmouth Devon EX10 9SS  
UK  
☎ 44 139 557 9641  
✉ g.a.wilkins@exeter.ac.uk

**Wilkinson Althea**  
Astronomy Dpt  
Univ Manchester  
Oxford Rd  
Manchester M13 9PL  
UK  
☎ 44 161 275 4224  
📠 44 161 275 4223

**Wilkinson David T**  
Physics Dpt  
Princeton Univ  
Jadwin Hall  
Princeton NJ 08544 1001  
USA  
☎ 1 609 452 4406  
📠 1 609 258 6853

**Wilkinson Peter N**  
NRAL  
Univ Manchester  
Jodrell Bank  
Macclesfield SK11 9DL  
UK  
☎ 44 147 477 1321  
📠 44 147 757 1618

**Will Clifford M**  
Physics Dpt  
Washington Univ  
Campus Box 1105  
St Louis MO 63130  
USA  
☎ 1 314 935 6244  
📠 1 314 935 6219  
✉ cmw@wuphys.wustl.edu

**Williamon Richard M**  
Fernbank Sci Ctr  
156 Heaton Park Dr  
156 Heaton Park Dr  
Atlanta GA 30307  
USA  
☎ 1 404 378 4313

**Williams Barbara A**  
Sharp Lab  
Physics Dpt  
Univ Delaware  
Newark DE 19716  
USA  
☎ 1 302 831 6526  
📠 1 302 831 1637  
✉ baw@udel.edu

**Williams Carol A**  
Mathematics Dpt  
Univ S Florida  
4202 E Fowler Av  
Tamp FL 33620 5700  
USA  
☎ 1 813 974 2643  
📠 1 813 974 2700  
✉ cw@kepler.math.usf.edu

**Williams David A**  
Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
📠 44 171 380 7145  
✉ daw@star.ucl.ac.uk

**Williams Gareth V**  
CfA  
MS 18  
60 Garden St  
Cambridge MA 02138  
USA  
☎ 1 617 495 7444  
📠 1 617 4957 231  
✉ gwilliams@cfa.harvard.edu

**Williams Glen A**  
Physics Dpt  
Central Michigan Univ  
Mt Pleasant MI 48858  
USA  
☎ 1 517 774 3365  
📠 1 517 774 2697  
✉ williams@phy.cmich.edu

**Williams Iwan P**  
Astronomy Unit  
QMWC  
Mile End Rd  
London E1 4NS  
UK  
☎ 44 171 975 5452  
📠 44 181 983 3522  
✉ i.p.williams@qmw.ac.uk

**Williams James G**  
CALTECH/JPL  
MS 264 700  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 6466  
📠 1 818 393 6030  
✉ jgw@logos.jpl.nasa.gov

**Williams John A**  
Physics Dpt  
Albion College  
Albion MI 49224  
USA  
☎ 1 517 629 5511

**Williams Peredur M**  
Inst Astronomy  
Royal Observatory  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 688 300  
📠 44 13 16 621 668  
✉ pmw@roc.ac.uk

**Williams Robert E**  
STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 516 6845  
📠 1 410 338 2519  
✉ wms@stsci.edu

**Williams Robin**  
Cardiff Univ  
Box 913  
Cardiff CF24 3YB  
UK  
✉ Robin.Williams@astro.cf.ac.uk

**Williams Theodore B**  
Dpt Phys/Astronomy  
Rutgers Univ  
136 Frelinghuysen Rd  
Piscataway NJ 08854 8019  
USA  
☎ 1 732 445 2516  
📠 1 732 445 4343  
✉ williams@physics.rutgers.edu

**Willis Allan J**  
Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 387 7050  
📠 44 171 380 7145  
✉ ajw@star.ucl.ac.uk

**Willis Anthony Gordon**  
DRAO  
NRCC/HIA  
Box 248  
Penticton BC V2A 6K3  
Canada  
☎ 1 250 493 2277  
📠 1 250 493 7767

**Willmer Christopher N A**  
Observ  
Rua Gl Bruce 586  
Sao Cristovao  
20921 030 Rio de Janeiro RJ  
Brazil  
☎ 55 21 589 6504  
📠 55 21 580 0332  
✉ chaw@on.br

**Willmore A Peter**  
School Physics / Astron  
Univ Birmingham  
Box 363  
Birmingham B15 2TT  
UK  
☎ 44 12 14 146 452  
✉ apw@star.bham.ac.uk

**Willner Steven Paul**  
CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7123  
📠 1 617 495 7490  
✉ swillner@cfa.harvard.edu

**Wills Beverley J**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 3424  
① 1 512 471 6016  
✉ bev@astro.as.utexas.edu

**Wills Derek**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA  
☎ 1 512 471 1392  
① 1 512 471 6016  
✉ oo7@astro.as.utexas.edu

**Willson Lee Anne**

Physics Dpt  
Iowa State Univ  
Ames IA 50011  
USA  
☎ 1 515 294 6765  
① 1 515 294 3262

**Wilson Robert Frederick**

Dpt Phys/Astronomy  
Tufts Univ  
Robinson Hall  
Medford MA 02155  
USA  
☎ 1 617 628 5000

**Willstrop Roderick V**

Inst Astronomy  
The Observatories  
Madingley Rd  
Cambridge CB3 0HA  
UK  
☎ 44 12 23 337 548  
① 44 12 23 337 523  
✉ rvw@ast.cam.ac.uk

**Wilner David J**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 496 7623  
① 1 617 495 7345  
✉ dwilner@cfa.harvard.edu

**Wilson Albert G**

Box 1871  
Sebastopol CA 95473  
USA

**Wilson Andrew S**

Astronomy Program  
Univ Maryland  
College Park MD 20742  
2421  
USA  
☎ 1 301 405 1519  
① 1 301 314 9067  
✉ wilson@astro.umd.edu

**Wilson Brian G**

Domaine des Tisseyses  
F 11270 Fanjezux  
France

**Wilson Christine**

Dpt Astron/Physics  
McMaster Univ  
Hamilton  
Ontario L8S 4M1  
Canada  
☎ 1 905 525 9140\*27483  
① 1 905 546 1252  
✉ wilson@physics.mcmaster.ca

**Wilson Curtis A**

St John's College  
Box 2880  
Annapolis MD 21404  
USA  
☎ 1 301 263 2371

**Wilson James R**

2993 Chateau Way  
Livermore CA 94550  
USA

**Wilson Lionel**

Env Science Dpt  
Lancaster Univ  
Lancaster LA1 4YQ  
UK  
☎ 44 15 246 5201\*4075

**Wilson Michael John**

Dpt Appl Maths  
Univ Leeds  
Leeds LS2 9JT  
UK  
☎ 44 113 233 5110  
① 44 113 242 9525

**Wilson P**

Georschungs Zentrum  
Telegrafenberg A17  
D 14407 Potsdam  
Germany

**Wilson Peter R**

Applied Maths Dpt  
Univ Sydney  
Sydney NSW 2006  
Australia  
☎ 61 2 692 2222  
① 61 2 660 2903

**Wilson Richard**

CfA  
HCO/SAO MS 42  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7000

**Wilson Robert E**

Astronomy Dpt  
Univ Florida  
211 SSRB  
Gainesville FL 32611  
USA  
☎ 1 352 392 1182  
① 1 352 392 5089

**Wilson Robert W**

CfA  
HCO/SAO MS 42  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7000

**Wilson Robert**

Dpt Phys/Astronomy  
UCLO  
Gower St  
London WC1E 6BT  
UK  
☎ 44 171 380 7154  
① 44 171 380 7145  
✉ rw@star.ucl.ac.uk

**Wilson S J**

Mathematics Dpt  
Ntl Univ Singapore  
Kent Ridge  
Singapore 0511  
Singapore  
☎ 65 775 6666

**Wilson Thomas L**

Steward Observ  
Univ Arizona  
Tuscon AZ 85718  
USA  
☎ 1 520 621 5055  
✉ twilson@as.arizona.edu

**Wilson William J**

CALTECH/JPL  
MS 168 327  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 5699  
① 1 818 393 6030

**Winckler John R**

School Phys/Astronomy  
Univ Minnesota  
116 Church St SE  
Minneapolis MN 55455  
USA  
☎ 1 612 373 4688  
① 1 612 624 2029

**Windhorst Rogier A**

Physics Dpt  
Arizona State Univ  
Astronomy Program  
Tempe AZ 85287 1504  
USA  
☎ 1 480 965 7143  
① 1 480 965 7954  
✉ Rogier.Windhorst@asu.edu

**Wing Robert F**

Astronomy Dpt  
Ohio State Univ  
174 W 18th Av  
Columbus OH 43210 1106  
USA  
☎ 1 614 422 7876  
① 1 614 292 2928  
✉ Wing.1@osu.edu

**Winget Donald E**

Astronomy Dpt  
Univ Texas  
Rlm 15 308  
Austin TX 78712 1083  
USA

☎ 1 512 471 4461  
① 1 512 471 6016

**Winiarski Maciej**

Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 25 1294  
① 48 12 25 1318

**Wink Joern Erhard**

IRAM  
300 r La Piscine  
F 38406 S Martin Heres Cdx  
France  
☎ 33 4 76 42 3383  
① 33 4 76 51 5938

**Winkler Christoph**

ESA/ESTEC  
SSD  
Box 299  
NL 2200 AG Noordwijk  
Netherlands  
☎ 31 71 565 3591  
① 31 71 565 4690  
✉ cwinkler@  
ests2.estec.esa.nl

**Winkler Gernot M R**

USNO  
Time Service Dpt  
3450 Massachusetts Av NW  
Washington DC 20392 5100  
USA  
☎ 1 202 762 1450  
① 1 202 653 1507  
✉ gw@  
cassini.usno.navy.mil

**Winkler Hartmut**

Dpt Physics Soweto Campus  
Vista Univ  
PO Box X09  
Bertsham 2013  
South Africa  
☎ 27 11 938 1701  
① 27 11 938 1490  
✉ winkler-h@  
sorex.vista.ac.za

**Winkler Karl-Heinz A**

LANL  
MS B260  
Box 1663  
Los Alamos NM 87545 2345  
USA  
☎ 1 505 667 2897  
① 1 505 665 4055  
✉ khw@lanl.gov

**Winkler Paul Frank**

Physics Dpt  
Middlebury Coll  
Middlebury VT 05753  
USA  
☎ 1 802 388 3711  
① 1 802 388 0739

**Winnberg Anders**

Onsala Space Observ  
Chalmers Technical Univ  
SE 439 92 Onsala  
Sweden  
☎ 46 31 772 5527  
① 46 31 772 5590  
✉ anders@oso.chalmers.se

**Winnewisser Gisbert**

Erstes Physikal Inst  
Univ Koeln  
Zuelpicherstr 77  
D 50937 Koeln  
Germany  
☎ 49 211 470 3567  
① 49 221 470 5162

**Winter Othon Cabo**

DMA UNESP  
CP 205  
12500 000 Guaratingueta  
Brazil  
☎ 55 12 525 2800\*105  
① 55 12 525 2466  
✉ ocwinter@feg.unesp.br

**Wiramihardja Suhardja**

Bosscha Observ  
ITB Lembang  
Lembang 40391  
Indonesia  
☎ 62 22 229 6001  
① 62 22 278 7289  
✉ suhardja@uptor.itb.ac.id

**Wisotzki Lutz**

Hamburger Sternwarte  
Univ Hamburg  
Gojenbergsweg 112  
D 21029 Hamburg  
Germany  
☎ 49 40 42891 4139  
① 49 40 42891 4198  
✉ lwisotzki@  
hs.uni-hamburg.de

**Withbroe George L**

Cfa  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7438  
① 1 617 495 7356

**Witt Adolf N**

Dpt Phys/Astronomy  
Univ Toledo  
2801 W BancrBoxt St  
Toledo OH 43606  
USA  
☎ 1 419 530 2709  
① 1 419 530 2723  
✉ awitt@  
anwsun.astro.utoledo.edu

**Witten Louis**

Physics Dpt  
Univ Cincinnati  
210 Braunstein Ml 11  
Cincinnati OH 45221 0111  
USA  
☎ 1 513 475 6492  
① 1 513 556 3425

**Wittmann Axel D**

Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany  
☎ 49 551 395 042  
① 49 551 395 043

**Witzel Arno**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 211  
① 49 228 525 229

**Wiyanto Paulus**

Astronomy Dpt  
Bandung Insitte Techn  
Jl Ganesha 10  
Bandung 40132  
Indonesia  
☎ 62 22 244 0252  
① 62 22 250 5442

**Wlerick Gerard**

Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7871  
① 33 1 45 07 7872  
✉ Gerard.Wlerick@  
obspm.fr

**Wnuk Edwin**

Astron Observ  
A Mickiewicz Univ  
Ul Sloneczna 36  
PL 60 286 Poznan  
Poland  
☎ 48 61 67 9670  
① 48 61 53 6536

**Woan Graham**

Dpt Phys/Astronomy  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 13 398 855  
① 44 14 13 305 183  
✉ graham@astro.gla.ac.uk

**Woehl Hubertus**

Kiepenheuer Inst  
Sonnephysik  
Schoeneckstr 6  
D 79104 Freiburg Breisgau  
Germany  
☎ 49 761 319 8258  
① 49 761 3198 111  
✉ hw@kis.uni-freiburg.de

**Wolf Bernhard**

Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9213  
① 49 622 150 9202  
✉ B.Wolf@  
lsw.uni-heidelberg.de

**Wolf Marek**

Astron Inst  
Charles Univ  
V Holesovickack 2  
CZ 180 00 Praha 8  
Czech Rep  
☎ 420 221 912572  
① 420 268 85095  
✉ wolf@mbox.cesnet.cz

**Wolf Rainer E A**

MPI Astronomie  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 152 81  
① 49 622 152 8246



**Wolfe Arthur M**

CASS  
UCSD  
C 011  
La Jolla CA 92093 0216  
USA  
☎ 1 619 534 7435  
☎ 1 619 534 6316  
✉ awolfe@ucsd.edu

**Wolfindale Arnold W**

Physics Dpt  
Univ Durham  
South Rd  
Durham DH1 3LE  
UK  
☎ 44 191 374 2160  
☎ 44 191 374 3749  
✉ a.w.wolfindale@durham.ac.uk

**Wolff Michael J**

2039 Pheasant Creek Dr  
Augusta GA 30907  
USA  
☎ 1 706 651 1356  
☎ 1 706 651 8052  
✉ wolff@colorado.edu

**Wolff Sidney C**

NOAO/KPNO  
Box 26732  
950 N Cherry Av  
Tucson AZ 85726 6732  
USA  
☎ 1 520 327 5511  
☎ 1 520 325 9360

**Wolfire Mark Guy**

2205 Sulgrave Av  
Baltimore MD 21209  
USA  
✉ mwolfire@nasm.edu

**Wolfson C Jacob**

Lockheed Palo Alto Res Lb  
Dpt 91 30 Bg 256  
3251 Hanover St  
Palo Alto CA 94304 1191  
USA  
☎ 1 415 424 2855  
☎ 1 415 424 3994

**Wolfson Richard**

Physics Dpt  
Middlebury Coll  
Middlebury VT 05753  
USA  
☎ 1 802 388 3711  
☎ 1 802 388 0739  
✉ wolfson@middlebury.edu

**Wolstencroft Ramon D**

Royal Observ  
Blackford Hill  
Edinburgh EH9 3HJ  
UK  
☎ 44 13 16 689 307  
☎ 44 13 16 621 668  
✉ rdw@roe.ac.uk

**Wolszczan Alexander**

Arecibo Observ  
Box 995  
Arecibo PR 00613  
USA  
☎ 1 809 878 2612

**Wolter Anna**

Osserv Astronomico  
d Brera  
Via Brera 28  
I 20121 Milano  
Italy  
☎ 39 02 723 20321  
☎ 39 02 720 01600  
✉ anna@brera.mi.astro.it

**Woltjer Lodewijk**

OHP  
F 04870 S Michel Obs  
France  
☎ 33 4 92 76 6662  
☎ 33 4 92 76 6295/41 22  
788 3551

**Woo Jong Ok**

Korean Ntl Univ  
Education  
Chungwon-gun  
Chungbuk 320 23  
Korea RP  
☎ 82 431 60 3712

**Wood Douglas O S**

55 Whitney Ridge Terrace  
North Haven CT 06473  
USA  
✉ dougwood@kodak.com

**Wood H J**

Astronomy Dpt  
Indiana Univ  
Swain W 319  
Bloomington IN 47405  
USA  
☎ 1 812 855 6911  
☎ 1 812 855 8725

**Wood Janet H**

Physics Dpt  
Univ Keele  
Keele ST5 5BG  
UK  
☎ 44 178 262 1111  
☎ 44 178 271 1093  
✉ jhw@ph.keele.ac.uk

**Wood John A**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7278  
☎ 1 617 495 7356  
✉ jwood@cfa.harvard.edu

**Wood Matthew Alan**

Dpt Phys/Space Sci  
Florida Inst Techn  
150 W Univ Blvd  
Melbourne FL 32901  
USA  
☎ 1 407 768 8000\*7207  
☎ 1 407 984 8461  
✉ wood@kepler.pss.fit.edu

**Wood Peter R**

MSSSO  
Weston Creek  
Private Bag  
Canberra ACT 2611  
Australia  
☎ 61 262 881 111  
☎ 61 262 490 233

**Wood Roger**

Satellite Laser Ranger Gp  
Herstmonceux Castle  
Hailsham  
E Sussex BN27 1RP  
UK  
☎ 44 13 23 833 171\*3391

**Woodworth Andrew W**

NRCC  
Institute for Information  
Technology  
Montreal Rd, Building M50,  
Room 204  
Ottawa ON K1A 0R6  
Canada  
☎ 1 613 993 9010  
☎ 1 613 952 0074  
✉ andrew.woodworth@iit.nrc.ca

**Woodward Paul R**

School Phys/Astronomy  
Univ Minnesota  
116 Church St SE  
Minneapolis MN 55455  
USA  
☎ 1 612 624 0211  
☎ 1 612 624 2029

**Woolf Neville J**

Steward Observ  
Univ Arizona  
Tucson AZ 85721  
USA  
☎ 1 520 621 2288  
☎ 1 520 621 1532

**Woolfson Michael M**

Physics Dpt  
Univ York  
Heslington York YO1 5DD  
UK  
☎ 44 19 045 9861

**Woolsey E G**

1909 Laurier Dr  
Ottawa ON K2A 1A9  
Canada

**Wosley Stanley E**

Lick Observ  
Univ California  
Santa Cruz CA 95064  
USA  
☎ 1 831 459 2976  
☎ 1 831 459 5265  
✉ wosley@ulick.org

**Wooten Henry Alwyn**

NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0329  
☎ 1 434 296 0278  
✉ awooten@nrao.edu

**Worden Simon P**  
6757 N 27th St  
Arlington VA 22213  
USA

**Worrall Diana Mary**  
Physics Dpt  
Univ Bristol  
Tyndall Av  
Bristol BS8 1TL  
UK  
☎ 44 11 79 288 787  
☎ 44 11 79 255 624  
✉ d.worrall@bristol.ac.uk

**Worrall Gordon**  
Birdswood  
Eardisley  
Herefords  
UK

**Worswick Susan**  
1 Betony Vale  
Royston Herts SG8 9TS  
UK

**Woszczyk Andrzej**  
Inst Astronomy  
N Copernicus Univ  
Ul Chopina 12/18  
PL 87 100 Torun  
Poland  
☎ 48 56 26 018  
☎ 48 56 24 602

**Woszczyna Andrzej**  
Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 25 1294  
☎ 48 12 25 1318  
✉ woszcz@oa.uj.edu.pl

**Woudt Patrick A**  
Dpt Astronomy  
Univ Cape Town  
Private Bag  
Rondebosch 7700  
South Africa  
☎ 27 21 650 4042  
☎ 27 21 650 3342  
✉ pwoudt@  
artemisia.ast.uct.ac.za

**Wouterloot Jan Gerard A**  
Erstes Physikal Inst  
Univ Koeln  
Zuelpicherstr 77  
D 50937 Koeln  
Germany  
☎ 49 221 470 4528  
☎ 49 221 470 5162  
✉ wouterloot@  
ph1.uni-koeln.de

**Wozniak Herve**  
Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 95 04 4154  
☎ 33 4 91 62 1190  
✉ wozniak@  
observatoire.cnrs-mrs.fr

**Wrandedmark Stig S**  
Lund Observ  
Box 43  
SE 221 00 Lund  
Sweden  
☎ 46 46 222 7303  
☎ 46 46 222 4614  
✉ stig@astro.lu.se

**Wray James D**  
21200 Todd Valley Rd  
Space 40  
Foresthill CA 95631 9511  
USA  
☎ 1 530 367 4222  
☎ 1 530 367 4339

**Wright Alan E**  
Parkes Observ  
ATNF  
Private Bag 276  
Parkes NSW 2870  
Australia  
☎ 61 68 61 1732  
☎ 61 68 61 1730  
✉ awright@atnf.csiro.au

**Wright Andrew**  
Mathematics Dpt  
Univ St Andrews  
St Andrews North Haugh  
Fife KY16 9SS  
UK  
☎ 44 133 476 61  
☎ 44 133 474 487

**Wright Edward L**  
Dpt Astronomy/Phys  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 825 5755  
☎ 1 310 206 2096

**Wright Ian P**  
Planetary / Space Sci Res  
Inst  
Open Univ  
Walton Hall  
Milton Keynes MK7 6AA  
UK  
☎ 44 1908 653 898  
☎ 44 1908 655 910  
✉ i.p.wright@open.ac.uk

**Wright James P**  
NSF  
Div Astron Sci  
4201 Wilson Blvd  
Arlington VA 22230  
USA  
☎ 1 703 306 1819  
☎ 1 703 306 0525  
✉ jwright@nsf.gov

**Wright Melvyn C H**  
Radio Astronomy Lab  
Univ California  
601 Campbell Hall  
Berkeley CA 94720  
USA  
☎ 1 415 642 0420  
☎ 1 415 642 6424

**Wrixon Gerard T**  
Ntl Microelectron Res Ctr  
Univ College Cork  
Cork  
Ireland  
☎ 353 1 215 08375

**Wrobel Joan Marie**  
NRAO  
Box 0  
Socorro NM 87801 0387  
USA  
☎ 1 505 835 7000  
☎ 1 505 835 7027  
✉ jwrobel@nrao.edu

**Wroblewski Herbert**  
Dpt Astronomia  
Univ Chile  
Casilla 36 D  
Santiago  
Chile  
☎ 56 2 229 4101  
☎ 56 2 229 4002

**Wu Bin**  
Inst Geodesy/  
Geophysics  
Xu Dong Lu  
Wuchang 430077  
China PR  
☎ 86 27 681 3855  
☎ 86 27 781 1242

**Wu Chi Chao**  
STScI/CSC  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 338 4770  
☎ 1 410 459 4482

**Wu De Jin**  
Purple Mountain Observ  
West Beijing Road 2  
Jiangsu  
Nanjing 210008  
China PR  
☎ 86 25 3311 784  
☎ 86 25 3301 459  
✉ djwu@pmo.ac.cn

**Wu Guichen**  
Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0430  
☎ 86 29 389 0196

**Wu Hsin-Heng**  
Physics Dpt  
Ntl Central Univ  
Chung Li Taiwan 32054  
China R  
☎ 886 3 462 2302  
☎ 886 3 426 2304

**Wu Huai-Wei**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618

**Wu Lianda**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 32893  
① 86 25 301 459

**Wu Linxiang**

Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 1 28 2471\*3888

**Wu Mingchan**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
① 86 871 717 1845

**Wu Nailong**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 516 6864  
① 1 410 516 8720  
✉ nailong@stsci.edu

**Wu Shi Tsan**

School Engin  
Univ Alabama  
Huntsville AL 35899  
USA  
☎ 1 205 895 6413

**Wu Shouxian**

Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0430  
① 86 29 389 0196

**Wu Xiangping**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ wxp@bao.ac.cn

**Wu Xinji**

Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 1 28 2471\*3929  
✉ wuxj@bao.ac.cn

**Wu Xuejun**

Physics Dpt  
Nanjing Normal Univ  
Nanjing 210097  
China PR  
☎ 86 25 371 6641  
① 86 25 372 3207  
✉ xjwu@pine.njnu.edu.cn

**Wu Yuefang**

Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 1 255 9461 \*2963  
① 86 1 256 1085  
✉ wuyf@bao.ac.cn

**Wuelser Jean-Pierre**

Lockheed Palo Alto Res Lb  
Dpt 91 30 Bg 252  
3251 Hanover St  
Palo Alto CA 94304 1191  
USA  
☎ 1 415 424 3289  
① 1 415 424 3994  
✉ wuelser@  
sag.space.lockheed.com

**Wuensch Johann Jakob**

Stifterstr 8  
D 86672 Thierhaupten  
Germany  
✉ wuen@gfz-potsdam.de

**Wunner Guenter**

Inst Theor Physik  
Ruhr Univ Bochum  
Postfach 102148  
D 44780 Bochum  
Germany  
☎ 49 234 700 3454  
① 49 234 709 4169

**Wyckoff Susan**

Physics Dpt  
Arizona State Univ  
Astronomy Program  
Tempe AZ 85287 1504  
USA  
☎ 1 480 965 3561  
① 1 480 965 7954  
✉ wyckoff@asu.edu

**Wyller Arne A**

Box 5501  
Santa Fe NM 87502 5501  
USA  
☎ 1 505 473 5849  
① 1 505 473 5849

**Wynn-Williams C G**

Inst for Astronomy  
Univ Hawaii  
2680 Woodlawn Dr  
Honolulu HI 96822  
USA  
☎ 1 808 956 8807  
① 1 808 956 9580  
✉ wynnwill@ifa.hawaii.edu

**Wyse Rosemary F**

Dpt Phys/Astronomy  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 5392  
① 1 410 516 8260

**Wytrzyszczak Iwona**

Astron Observ  
A Mickiewicz Univ  
Ul Sloneczna 36  
PL 60 286 Poznan  
Poland  
☎ 48 61 67 9670  
① 48 61 53 6536  
✉ iwona@phys.amu.edu.pl

# XYZ

**Xanthopoulos Emily**

Jodrell Bank Observ  
Univ Manchester  
Macclesfield  
Cheshire SK11 9DL  
UK  
☎ 44 14 77 572 635  
① 44 14 77 571 618  
✉ emily@jb.man.ac.uk

**Xi Zezong**

Inst History Natural Science  
1 Gong Yuan West Rd  
Beijing  
China PR  
☎ 86 1 55 7180

**Xia Xiaoyang**

Physics Dpt  
Tianjin Normal Univ  
Tianjin 300074  
China PR  
☎ 86 22 2354 2231  
✉ xyxia@vega.vac.pku.edu.cn

**Xia Yi**

Purple Mountain Observ  
Academia Sinica  
Nanjing 210008  
China PR  
☎ 86 25 3304 101  
① 86 25 3300 818  
✉ Xyi@public1.ptt.js.cn

**Xia Yifei**

Astronomy Dpt  
Nanjing Univ  
22 Hankou Road  
Nanjing 210093  
China PR  
☎ 86 25 35 96 733  
① 86 25 33 02 728  
✉ yfxia@nju.edu.cn

**Xia Zhiguo**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
① 86 871 717 1845

**Xian Ding-Zhang**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 37609  
① 86 25 301 459

**Xiang Shouping**

Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 33 1134  
① 86 551 33 1760

**Xiao Naiyuan**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 34651\*2882  
① 86 25 330 2728

**Xie Guangzhong**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 2035  
① 86 871 717 1845

**Xie Liangyun**

Inst Geodesy  
Geophysics  
Xu Dong Lu  
Wuchang 430077  
China PR

**Xiong Darun**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 42817  
① 86 25 301 459

**Xiong Yaoheng**

Yunnan Observ  
CAS  
Kunming 650011  
China PR  
☎ 86 871 3911 347  
① 86 871 3911 845  
✉ xiongyh@public.km.yn.cn

**Xiradaki Evangelia**

Astrophysics Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 723 5122/9628 306  
① 30 1 723 5122

**Xu Aoao**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 663 7551\*2882  
① 86 25 330 2728

**Xu Bang-Xin**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 663 7551\*2882  
① 86 25 330 2728

**Xu Chongming**

Physics Dpt  
Nanjing Normal Univ  
Nanjing 210097  
China PR  
☎ 86 25 371 6641  
① 86 25 372 3207  
✉ cmxu@pine.njnu.edu.cn

**Xu Jiayan**

Shaanxi Astron Observ  
CAS  
Box 18  
Lintong Xian 710600  
China PR  
☎ 86 29 389 0430  
① 86 29 389 0196  
✉ xujy@ms.sxso.ac.cn

**Xu Jihong**

URUMQI Astron Stat  
CAS  
40 South Beijing Rd  
Xinjiang 830011  
China PR  
☎ 86 33 5757

**Xu Jin**

Purple Mountain Observ  
Academia Sinica  
Nanjing 210008  
China PR  
☎ 86 25 3304 101  
① 86 25 3300 818  
✉ xujin@public1.ptt.js.cn

**Xu Peiyuan**

Inst Electronic Physics  
SUST  
Jia ding  
Shanghai  
China PR  
☎ 86 21 95 1602

**Xu Pinxin**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 32893  
① 86 25 301 459

**Xu Tong-Qi**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618  
✉ xu-xiangrong@mail2.online.sh.cn

**Xu Wenli**

Ctr for Astronomy  
Instrumen Res  
CAS  
Nanjing 210042  
China PR  
☎ 86 25 541 1776  
① 86 25 541 1872

**Xu Zhicai**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
📠 86 25 301 459

**Y Shuhua**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6487 6588  
📠 86 21 6469 6291  
✉ ysh@center.shao.ac.cn

**Yabushita Shin A**

Astron Observ  
Babawakicho 8  
Sungakuin Sakyoku  
Kyoto 606  
Japan  
☎ 81 75 701 5055  
📠 81 75 724 0420  
✉ yabusita@  
amath.kuamp.kyoto-u.ac.jp

**Yabuuti Kiyoshi**

20 Tanaka Higaski  
Hinokuch Mach  
Kyoto 606  
Japan

**Yadav Jagdish Singh**

TIFR  
DAA  
Homi Bhabha Road, Colaba  
Mumbai 400 005  
India  
☎ 91 22 215 2971\*2530  
📠 91 22 215 2110  
✉ jsyadav@tifr.res.in

**Yahil Amos**

Dpt Earth/Space Sci  
Astronomy Program  
Sunny at Stony Brook  
Stony Brook NY 11794 2100  
USA  
☎ 1 516 632 8224  
📠 1 516 632 8240  
✉ Amos.Yahil@sunysb.edu

**Yakovlev Dmitry**

Ife Physical Tech Inst  
Acad Sciences  
Polytechnicheskaya Ul 26  
194021 St Petersburg  
Russia  
☎ 7 812 247 9368  
📠 7 812 247 1017

**Yallop Bernard D**

Parnells Cottage  
Mill Green Horseheath  
Cambridge CB1 6QZ  
UK  
☎ 44 17 99 584 262  
📠 44 17 99 584 262  
✉ aaa191@home.cam.net.uk

**Yamada Shoichi**

MPE  
Postfach 1603  
D 85740 Garching  
Germany  
☎ 49 893 299 3247  
📠 49 893 299 3235  
✉ shoichi@  
mpa-garching.mpg.de

**Yamada Yoshiyuki**

Physics Dpt  
Kyoto Univ  
Kitashirakawa Sakyo-Ku  
Kyoto 606 02  
Japan  
☎ 81 757 53 3844  
📠 81 75 753 3886  
✉ yamada@  
sephys.kyoto-u.ac.jp

**Yamagata Tomohiko**

Element/Second Edu Br  
Ministry Edu Sci/Cult  
Kasumigaseki Chiyoda  
Tokyo 100  
Japan  
☎ 81 335 81 4211\*2403  
📠 81 473 37 1764  
✉ yamagata@  
ioa.s.u-tokyo.ac.jp

**Yamaguchi Shichiro**

Fac Eng  
Gifu Univ  
1 1 Yanagito  
Gifu 501 1193  
Japan  
☎ 81 582 30 1111

**Yamamoto Satoshi**

Physics Dpt  
Univ Tokyo  
7 3 1 Hongo Bunkyo-ku  
Tokyo 113  
Japan  
☎ 81 338 12 2111  
📠 81 358 02 3325  
✉ yamamoto@  
phys.s.u-tokyo.ac.jp

**Yamamoto Tetsuo**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 51 3911  
📠 81 427 59 4253

**Yamamoto Yoshiaki**

Physics Dpt  
Konan Univ  
Okamoto 8 Higashinada  
Kobe 658  
Japan  
☎ 81 784 35 2485  
📠 81 784 52 9502  
✉ yamamoto@  
apsun2.hep.konan-u.ac.jp

**Yamamura Issei**

Infrared Astronomy Group  
ISAS  
Yoshinodai 3-1-1,  
Yagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 42 759 8211  
📠 81 42 786 7202  
✉ yamamura@  
astro.isas.ac.jp

**Yamaoka Hitoshi**

Dpt Physics/Faculty Sci  
Kyushu Univ  
4 2 1 Ropponmatsu Chuo-ku  
Fukuoka 810 - 8560  
Japan  
☎ 81 92 726 4739  
📠 81 92 726 4739  
✉ yamaoka@  
rc.kyushu-u.ac.jp

**Yamasaki Atsuma**

Dpt Geoscience  
National Defense Acad  
Hashirimizu  
Yokosuka 239  
Japan  
☎ 81 468 41 3810  
📠 81 468 44 5902

**Yamasaki Tatsuya**

Dpt Earth/Space Sci  
Graduate School Sciences,  
Osaka Univ  
Machikaneyama-cho,  
Toyonaka-ski  
Osaka 560 0043  
Japan  
☎ 81 6 6850 5482  
📠 81 6 6850 5504  
✉ yamasaki@  
uranus.ess.sci.osaka-u.ac.jp

**Yamashita Kojun**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 51 3911  
📠 81 427 59 4253

**Yamashita Takuya**

Ntl Astron Observ  
2 21 1 Osawa  
Mitaka  
Tokyo 181  
Japan  
☎ 81 422 34 3710  
📠 81 422 34 3608  
✉ oyamash@  
cl.mtk.nao.ac.jp

**Yamashita Yasumasa**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 41 3740  
📠 81 422 34 3793

**Yamauchi Makoto**

Fac Eng  
Miyazaki Univ  
Gakuen Kibanadai  
Miyazaki 889 21  
Japan  
☎ 81 985 58 2811\*4401  
📠 81 985 58 0913  
✉ yamauchi@  
astro.miyazaki-u.ac.jp

**Yamauchi Shigeo**  
College Human Social Sc  
Iwate Univ  
Ueda 3  
Morioka 020  
Japan  
☎ 81 196 21 6817  
① 81 196 21 6715  
✉ yamauchi@hiryu.hss.iwate-u.ac.jp

**Yan Haojian**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618  
✉ xhj@vega.bac.pku.edu.cn

**Yan Jun**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 443 2817  
① 86 25 330 1459

**Yan Lin-shan**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618

**Yan Yihua**  
Beijing Astron Observ  
CAS  
Chaoyang District  
Beijing 100012  
China PR  
☎ 86 10 6485 1674  
① 86 10 6488 8716  
✉ yyh@bao.ac.cn

**Yang Fumin**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618

**Yang Ji**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 443 2817  
① 86 25 330 1459  
✉ jiyang@public.ptt.js.cn

**Yang Jian**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
① 86 25 301 459

**Yang Jongmann**  
Dpt Physics  
Ewha Womans Univ  
SeoDaeMoon-Gu, DaeHyun-  
Dong 11-1  
Seoul 120 750  
Korea RP  
☎ 82 2 3277 2330  
① 82 2 3277 2320  
✉ jyang@mm.ewha.ac.kr

**Yang Ke-jun**  
Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0430  
① 86 29 389 0196

**Yang Lantian**  
Physics Dpt  
Huazhong Normal Univ  
Wuchang  
China PR  
☎ 86 75 601300

**Yang Pibo**  
Central China Normal Univ  
Physics Dpt  
Wuchang 430077  
China PR  
☎ 86 27 787 8444\*2889  
① 86 27 787 6070  
✉ pbyang@ccnu.edu.cn

**Yang Shijie**  
Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
① 86 25 301 459

**Yang Stephenson L S**  
Dpt Phys/Astronomy  
Univ Victoria  
Victoria BC V8W 3P6  
Canada  
☎ 1 250 721 8655  
① 1 250 721 7715  
✉ yang@beluga.phys.univ.ca

**Yang Tinggao**  
Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0321  
① 86 29 389 0196  
✉ yangtg@ms.sxso.ac.cn

**Yang Zhigen**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6487 6589  
① 86 21 6438 4618  
✉ yangz@center.shao.ac.cn

**Yankulova Ivanka**  
Astronomy Dpt  
Univ Sia Kliment Ohridski  
5 James Bouchier Blvd  
BG 1164 Sofia  
Bulgaria  
☎ 359 2 54 4852  
① 359 2 68 9085  
✉ yan@phys.uni-sofia.bg

**Yano Hajime**  
ISAS  
Planetary Science Div  
3 1 1 Yoshinodai Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 59 8197  
① 81 427 59 8457  
✉ yano@planeteta.sci.isas.ac.jp

**Yanovitskij Edgard G**  
Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 63110  
① 380 4426 62147

**Yao Qijun**  
MW Lab Purple Mountain  
Observ  
2 West Beijing Road  
Jiangsu  
Nanjing 210008  
China PR  
☎ 86 25 3303 738  
① 86 25 3260 069  
✉ yqj@mwlab.pmo.ac.cn

**Yao Yongqiang**  
Purple Mountain Observ  
Academia Sinica  
Nanjing 210008  
China PR  
☎ 86 25 3317 874  
① 86 25 3301 459  
✉ yqyao@pmo.ac.cn

**Yao Zhengqiu**  
NAIRC  
Box 864  
210042 Nanjing  
China PR  
☎ 86 255 40 5562  
① 86 255 40 5562  
✉ njalmost@public1.ptt.js.cn

**Yaplee B S**  
8 Crest View Ct  
Rockville MD 20854  
USA  
☎ 1 301 762 0935

**Yarov-Yarovoj M S**  
Mathematics Dpt  
MVTU  
Vtoraya Baumanskaya 5  
107005 Moscow  
Russia  
☎ 7 095 267 0392

**Yasuda Haruo**  
Nishihara Greenhaisu 6-405  
4-5-37 Nishihara-machi  
Tanashi-shi  
Tokyo 188  
Japan  
✉ ya@po.teleway.ne.jp

**Yatsenko Anatolij I**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
Kyiv 127 03680  
Ukraine  
☎ 380 44 266 4768  
☎ 380 44 266 2147  
✉ yatsenko@mao.kiev.ua

**Yatskiv Ya S**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 44 266 3110  
☎ 380 44 224 6387  
✉ yatskiv@mao.kiev.ua

**Yau Kevin K C**

CALTECH/JPL  
MS 230 101  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 393 5880  
☎ 1 818 393 1105  
✉ kevin.k.yau@jpl.nasa.gov

**Yavnel Alexander A**

Meteorite Committee  
Acad Sciences  
Uljanovoj M Ul 3 K 1  
117313 Moscow  
Russia  
☎ 7 095 137 7538

**Ye Binxun**

Beijing Astron Observ  
CAS  
20A Datun Rd  
Beijing 100012  
China PR  
☎ 86 10 6487 7312  
☎ 86 10 6487 7308  
✉ bxy@sun10.bao.ac.cn

**Ye Shi-hui**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
☎ 86 25 301 459

**Ye Wenwei**

Inst Seismology  
State Seismo Bureau  
Xiao Hong Shan Wuhan  
Hubei 230026 Anhui  
China PR  
☎ 86 81 3401

**Yee Howard K C**

Astronomy Dpt  
Univ Toronto  
60 St George St  
Toronto ON M5S 1A1  
Canada  
☎ 1 416 978 4833  
☎ 1 416 978 3921  
✉ hyee@astro.utoronto.ca

**Yeh Tyan**

HAO  
NCAR  
Box 3000  
Boulder CO 80307 3000  
USA  
☎ 1 303 497 5401  
☎ 1 303 497 1568

**Yeivin Y**

Dpt Phys/Astronomy  
Tel Aviv Univ  
Ramat Aviv  
Tel Aviv 69978  
Israel  
☎ 972 3 640 8208  
☎ 972 3 640 8179

**Yengibarlian Norair**

Byurakan Astrophys Observ  
Armenian Acad Sci  
378433 Byurakan  
Armenia  
☎ 374 88 52 28 3453/4142  
☎ 374 88 52 52 3640  
✉ yengib@sci.am  
✉ bagrat@ffpmc.am

**Yeomans Donald K**

CALTECH/JPL  
MS 301 150 G  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 2127  
☎ 1 818 393 1159  
✉ donald.k.yeomans@jpl.nasa.gov

**Yershov Vladimir N**

MSSL  
Holmbury St. Mary  
Dorking  
Surrey RH5 6NT  
UK  
☎ 44 1483 204 216  
☎ 44 1483 178 312  
✉ vny@mssl.ucl.ac.uk

**Yi Insu**

Korea Inst for Advanced  
Study  
207 - 43 Choengryangri  
Seoul 130 012  
Korea RP  
☎ 82 2 958 3701  
☎ 82 2 958 3770  
✉ iyi@kis.re.kr

**Yi Meiliang**

Ctr for Astronomy  
Instrumen Res  
CAS  
Nanjing 210042  
China PR  
☎ 86 25 541 1776  
☎ 86 25 541 1872

**Yi Zhaohua**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 46700  
☎ 86 25 330 2728

**Yilmaz Fatma**

Technical Univ  
Dpt Engineering  
Besikras  
34452 Istanbul  
Turkey  
☎ 90 212 522 3597  
☎ 90 212 519 0834

**Yilmaz Nihal**

Astronomy Dpt  
Univ Ankara  
Fen Fakultesi  
06100 Besevler  
Turkey  
☎ 90 41 23 6550  
☎ 90 312 223 2395

**Yin Jisheng**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6488 8704

**Yin Qi-Feng**

NRAO  
520 Edgemont Rd  
Charlottesville VA 22903  
USA  
☎ 1 434 296 0267  
✉ qyin@nrao.edu

**Yin Xinhui**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 330 3738  
☎ 86 25 330 1459  
✉ yangguo@public1.ptt.js.cn

**Yock Philip**

Physics Dpt  
Univ Auckland  
Private Bag  
Auckland  
New Zealand  
☎ 64 9 373 7999\* 6838  
☎ 64 9 308 2377  
✉ p.yock@auckland.ac.nz

**Yoder Charles F**

CALTECH/JPL  
MS 183 150  
4800 Oak Grove Dr  
Pasadena CA 91109 8099  
USA  
☎ 1 818 354 2444  
☎ 1 818 393 6030

**Yokosawa Masayoshi**

Physics Dpt  
Ibaraki Univ  
2 1 1 Bunkyo Mito  
Ibaraki 310  
Japan  
☎ 81 292 26 1621

**Yokoyama Jun-ichi**

YITP Theoretical Physics  
Kyoto Univ  
Sakyo ku  
Uji 611  
Japan  
☎ 81 774 31 7431  
☎ 81 774 33 6226  
✉ yokoyama@  
yukawa.kyoto-u.ac.jp

**Yokoyama Koichi**

Intl Latitude Observ  
NAOJ  
Hoshigaoka Mizusawa Shi  
Iwate 023  
Japan  
☎ 81 197 24 7111  
☎ 81 197 22 7120

**Yokoyama Tadashi**

Univ Estadual Paulista  
Instituto Fisica  
CP 178  
13500 Rio Claro  
Brazil  
☎ 55 195 34 0122

**Yonekura Yoshinori**

Dpt Earth / Life Sciences  
Osaka Prefecture Univ  
Gakuen-cho 1-1  
Sakai, Osaka 599-8531  
Japan  
☎ 81 722 54 9727  
☎ 81 722 54 9729  
✉ yonekura@  
el.cias.osakafu-u.ac.jp

**Yoneyama Tadaoki**

2-1-16 Hibarigaoka-kita  
2 r d Soupirs  
Tokyo 202  
Japan

**Yoon Tae**

Dpt Astron/Atmosph Sci  
Kyungpook Ntl Univ  
Taegu 702 701  
Korea RP  
☎ 82 53 950 6359  
☎ 82 539 50 6360  
✉ yoonts@  
bh.kyungpook.ac.kr

**York Donald G**

Astronomy/Astrophys Ctr  
Univ Chicago  
5640 S Ellis Av  
Chicago IL 60637  
USA  
☎ 1 312 962 8930  
☎ 1 312 702 8212

**Yorke Harold W**

Astronomisches Inst  
Univ Wuerzburg  
am Hubland  
D 97074 Wuerzburg  
Germany  
☎ 49 931 888 5301  
☎ 49 931 888 4603

**Yoshida Atsumasa**

Inst Physical/Chem Res  
RIKEN  
2 1 Hirosawa  
Wako Saitama 351 01  
Japan  
☎ 81 484 62 1111 \*3226  
☎ 81 484 62 4640  
✉ ayoshida@  
postman.riken.go.jp

**Yoshida Haruo**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 41 3614  
☎ 81 442 41 3793  
✉ yoshida@  
cl.mtk.nao.ac.jp

**Yoshida Junzo**

Physics Dpt  
Kyoto Sangyo Univ  
Kamigamo  
Kyoto 603  
Japan  
☎ 81 757 01 2151  
☎ 81 757 05 1640

**Yoshida Michitoshi**

NAOJ  
2- 21- 1 Osawa  
Mitaka  
Tokyo 181- 8588  
Japan  
☎ 81 422 34 3535  
☎ 81 422 34 3545  
✉ yoshida@  
optik.mtk.nao.ac.jp

**Yoshida Shigeomi**

Kiso Observ  
Inst Astronomy  
Mitake Kiso  
Nagano 397 01  
Japan  
☎ 81 264 52 3360  
☎ 81 264 52 3361  
✉ yoshida@  
kiso.iao.s.u-tokyo.ac.jp

**Yoshida Shin'ichirou**

International School for  
Advanced Studies  
Via Beirut 2-4  
I Trieste 34014  
Italy  
☎ 39 040 378 8463  
☎ 39 040 378 7528  
✉ Yoshida@sissa.it

**Yoshii Yuzuru**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5111  
☎ 81 422 34 3793  
✉ yoshii@top.mtk.nao.ac.jp

**Yoshikawa Makoto**

ISAS  
3 1 1 Yoshinodai  
Sagamihara  
Kanagawa 229 8510  
Japan  
☎ 81 427 59 8341  
☎ 81 427 59 8341  
✉ makoto@pub.isas.ac.jp

**Yoshimura Hirokazu**

Astronomy Dpt  
Univ Tokyo  
Bunkyo Ku  
Tokyo 113  
Japan  
☎ 81 381 22 1111  
☎ 81 338 13 9439

**Yoshimura Motohiko**

Physics Dpt  
Tohoku Univ  
Aramaki  
Sendai 980  
Japan  
☎ 81 222 22 1800  
☎ 81 222 25 1891

**Yoshino Kouichi**

CfA  
HCO/SAO MS 50  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 2796  
☎ 1 617 495 7455  
✉ yoshino@cfa.harvard.edu

**Yoshioka Kazuo**

Univ the Air  
Gunma Study Ctr  
1 13 2 Wakamiya-cho  
Maebashi City Gunma 371  
Japan  
☎ 81 27 230 1134  
☎ 81 27 230 1094  
✉ yoshioka@u-air.ac.jp

**Yoshizawa Masanori**

Tokyo Astron Observ  
NAOJ  
Osawa Mitaka  
Tokyo 181  
Japan  
☎ 81 422 32 5111  
☎ 81 422 32 1924  
✉ ma.yoshizawa@nao.ac.jp

**Yoss Kenneth M**

Dpt Astron/Physics  
Univ Illinois  
1011 W Springfield Av  
Urbana IL 61801  
USA  
☎ 1 217 333 3295  
☎ 1 217 244 7638

**You Jianqi**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
☎ 86 25 301 459

**You Junhan**

Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 33 1134  
☎ 86 551 33 1760



- Young Andrew T**  
Astronomy Dpt  
San Diego State Univ  
San Diego CA 92182  
USA  
☎ 1 619 594 5817  
① 1 619 594 1413  
✉ aty@mintaka.sdsu.edu
- Young Arthur**  
Astronomy Dpt  
San Diego State Univ  
San Diego CA 92182  
USA  
☎ 1 619 265 6167  
① 1 619 594 1413  
✉ young@mintaka.sdsu.edu
- Young Judith Sharn**  
Dpt Physics/Astron  
Univ Massachusetts  
B619 Lederle Grad Res Twr  
Amherst MA 01003  
USA  
☎ 1 413 545 4311  
① 1 413 545 4223  
✉ young@phast.umass.edu
- Young Louise Gray**  
Astronomy Dpt  
San Diego State Univ  
San Diego CA 92182  
USA  
☎ 1 619 287 8890  
① 1 619 594 1413
- Younis Saad M**  
SARC  
Scientific Res Council  
Box 2441  
Jadiriya Baghdad  
Iraq  
☎ 964 1 776 5127
- Yousef Shahinaz M**  
Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
① 20 2 572 7556
- Youssef Nahed H**  
Astronomy Dpt  
Fac Sciences  
Cairo Univ  
Geza  
Egypt  
☎ 20 2 572 7022  
① 20 2 572 7556
- Yu Kyung-Loh**  
Astronomy Dpt 55  
Seoul Ntl Univ  
Kwanak ku  
Seoul 151 742  
Korea RP  
☎ 82 288 06621  
① 82 288 71435
- Yu Xin Alfred**  
Hong Kong Polytechnic Univ  
Dpt Appl Maths  
Hung Hom  
Kowloon  
China PR  
☎ 852 376 66951  
① 852 336 29045
- Yu Yan**  
Dpt Radiation Oncology  
Univ Rochester  
601 Elmwood Av Box 647  
Rochester NY 14642  
USA  
✉ yu@  
deneb.mps.ohio-state.edu
- Yu Zhiyao**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618  
✉ zyyu@center.shao.ac.cn
- Yuan Chi**  
Physics Dpt  
City College NY  
138 St Convene Av  
New York NY 10031  
USA  
☎ 1 212 690 6823
- Yuan Kuo-Chuan**  
Taipei Astron  
Museum  
N 363 Kee-Ho Rd  
Taipei  
China R  
☎ 886 2 594 9516  
① 886 2 591 0763
- Yuasa Manabu**  
Dpt Math/Physics  
Kinki Univ  
Higashi  
Osaka 577  
Japan
- Yudin Boris F**  
SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1661  
① 7 095 939 1661  
✉ yudin@sai.msu.ru
- Yue Zengyuan**  
Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 1 28 2471\*3888
- Yui Yukari Y**  
Dpt Chemistry  
Waseda Univ  
Okuho 3-4-1, Shinjuku  
Tokyo 160  
Japan  
☎ 81 3 5286 3108  
① 81 3 5273 3489  
✉ yyyui@nm.waseda.ac.jp
- Yukhimuk Adam K**  
Dpt Space Plasma Physics  
Main Astron Obs NASU  
Goloseevo 03680  
Ukraine  
☎ 380 44 266 0028  
① 380 44 266 2147  
✉ yukimuk@mao.kiev.ua
- Yuldashbaev Taimas S**  
Astron Inst  
Uzbek Acad Sci  
Astronomicheskaya UI 63  
700052 Tashkent  
Uzbekistan  
☎ 998 3712 35 8102
- Yumi Shigeru**  
Keyakidai 1-12-2 Kiyamacho  
Miyakigun  
Saga 841 02  
Japan
- Yun Hong-Sik**  
Astronomy Dpt  
Seoul Ntl Univ  
Kwanak Ku  
Seoul 151  
Korea RP  
☎ 82 288 06621/22  
① 82 288 71435
- Yungelson Lev R**  
Inst Astronomy  
Acad Sciences  
Pyatnitskaya UI 48  
109017 Moscow  
Russia  
☎ 7 095 951 2735  
① 7 095 230 2081  
✉ lry@inasan.rssi.ru
- Yusef-Zadeh Farhad**  
Northwestern University  
Dpt Physics/Astronomy  
2145 Sheridan Rd  
Evanston IL 6020  
USA  
☎ 1 847 491 8147  
① 1 847 491 3135  
✉ zadeh@nwu.edu
- Yushchenko Alexander V**  
Astron Observ  
Odessa State Univ  
Shevchenko Park  
Odessa 65014  
Ukraine  
☎ 380 482 228442  
① 380 4822 228442  
✉ yua@lens.tenet.odessa.ua
- Zabolotny Vladimir F**  
Astro Space Ctr  
Lebedev Physical Inst  
PrBoxsojuznaya UI 84/32  
117924 Moscow  
Russia  
☎ 7 095 333 1555  
① 7 095 333 2378
- Zabriskie F R**  
RD 1  
Alexandria PA 16611  
USA  
☎ 1 814 669 4483

**Zachariadis Theodosios**

Res Ctr Astronomy  
Acad Athens  
14 Anagnostopoulou St  
GR 106 73 Athens  
Greece  
☎ 30 1 361 3589  
📠 30 1 363 1606

**Zacharias Norbert**

USNO  
3450 Massachusetts Av NW  
Washington DC 20392  
USA  
☎ 1 202 762 1423  
📠 1 202 762 1516  
✉ nz@pisces.usno.navy.mil

**Zachilas Loukas**

Dpt Civil Eng  
Univ Thessalia  
Pedio Areos  
GR 383 34 Volos  
Greece  
☎ 30 42 16 9781\*122  
📠 30 42 162660  
✉ zachilas@rigas.uth.gr

**Zadunaisky Pedro E**

Univ Buenos Aires  
Fac Cienc Exactas Math  
Ciud Univer Pab1  
1428 Buenos Aires  
Argentina

**Zafiroopoulos Basil**

Physics Dpt  
Univ Patras  
GR 261 10 Rion  
Greece  
☎ 30 61 99 7572  
📠 30 61 99 7636

**Zagretidinov Renat**

Astronomy Dpt  
Kazan State Univ  
Kremlevskaya Str 18  
420008 Kazan  
Russia  
☎ 7 843 238 7695  
✉ Renat.Zagretidinov@ksu.ru

**Zahn Jean-Paul**

Observ  
DASGAL  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7804  
📠 33 1 45 07 7872  
✉ zahn@obspm.fr

**Zaitsev Valerii V**

Inst Applied Physics  
Acad Sciences  
Ulyanov Ul 46  
603600 N Novgorod  
Russia  
☎ 7 831 236 7253  
📠 7 831 236 2061

**Zakharova Polina E**

Ural State Univ  
Astron Observ  
Lenin Av 51  
620083 Ekaterinburg  
Russia  
☎ 7 343 261 5431  
📠 7 343 255 5964  
✉ Polina.Zakharova@usu.ru

**Zakhozhaj Volodimir**

Timurovtsev St 70 Apt 58  
310204 Kharkiv  
Ukraine  
☎ 380 5726 34630  
✉ zkh@astron.kharkov.ua

**Zakirov Mamnum**

Astron Inst  
Uzbek Acad Sci  
Astronomicheskaya Ul 33  
700052 Tashkent  
Uzbekistan  
☎ 998 3712 35 8101  
📠 998 3711 36 0036  
✉ mamnum@astrin.uzsci.net

**Zambon Giulio**

Grossackerstrasse 75  
CH 8041 Zurich  
Switzerland

**Zamorani Giovanni**

Istt Radioastronomia  
CNR  
Via P Gobetti101  
I 40129 Bologna  
Italy  
☎ 39 051 639 9385  
📠 39 051 639 9385  
✉ zamorani@ira.bo.cnr.it

**Zamorano Jaime**

Dpt Astrofisica  
Fac Fisica  
Univ Complutense  
E 28040 Madrid  
Spain  
☎ 34 91 394 4590  
📠 34 91 394 4635  
✉ jaz@astrax.fis.ucm.es

**Zampieri Luca**

Dpt Fisica G Galilei  
Univ d Padova  
Via Marzolo 8  
I 35131 Padova  
Italy  
☎ 39 049 827 7125  
📠 39 049 827 7102  
✉ zampieri@pd.infn.it

**Zander Rodolphe**

Inst Astrophysique  
Universite Liege  
Av Cointe 5  
B 4000 Liege  
Belgium  
☎ 32 4 254 7510  
📠 32 4 254 7511  
✉ zander@astro.ulg.ac.be

**Zaninetti Lorenzo**

Istt Fisica  
Univ d Torino  
Corso d Azeglio 46  
I 10125 Torino  
Italy  
☎ 39 011 657 694

**Zappala Rosario Aldo**

Istt Astronomia  
Citta Universitaria  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 0533\*493  
📠 39 095 33 0592  
✉ razappala@alpha4.ct.astro.it

**Zappala Vincenzo**

Osserv Astronomico  
d Torino  
St Osservatorio 20  
I 10025 Pino Torinese  
Italy  
☎ 39 011 461 9035  
📠 39 011 461 9030  
✉ zappala@to.astro.it

**Zare Khalil**

Aerospace Eng Dpt  
Univ Texas  
WRW 414  
Austin TX 78712  
USA  
☎ 1 512 471 4234  
📠 1 512 471 3788  
✉ aozy757@emx.cc.utexas.edu

**Zarnecki John Charles**

Unit for Space Sci  
Univ Kent  
Canterbury CT2 7NR  
UK  
☎ 44 12 27 823 237  
📠 44 12 27 762 616  
✉ J.C.Zarnecki@ukc.ac.uk

**Zarro Dominic M**

NASA GSFC  
Code 682  
Greenbelt MD 20771  
USA  
☎ 1 301 286 4689  
📠 1 301 286 1617

**Zasov Anatole V**

SAI  
Acad Sciences  
Universitetskij Pr 13  
119899 Moscow  
Russia  
☎ 7 095 939 1660  
📠 7 095 932 8841  
✉ zasov@sai.msu.ru

**Zavagno Annie**

Observ  
2 Pl Le Verrier  
F 13248 Marseille Cdx 04  
France  
☎ 33 4 91 95 9088  
📠 33 4 91 62 1190  
✉ Annie.Zavagno@observatoire.cnrs-mrs.fr

**Zavatti Franco**

Dpt Astronomia  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 630 5712  
☎ 39 051 630 5700  
✉ zavatti@tikal.bo.astro.it

**Zayer Igor**

Lockheed Palo Alto Res Lb  
Dpt 91 30 Bg 252  
3251 Hanover St  
Palo Alto CA 94304 1191  
USA  
☎ 1 415 424 3545  
☎ 1 415 424 3994  
✉ izayer@solar.stanford.edu

**Zdanavicius Kazimeras**

Inst Theor Physics/  
Astronomy  
Gostauro 12  
LT Vilnius 2009  
Lithuania  
☎ 370 2 612 898  
☎ 370 2 224 696  
✉ astro@itpa.fi.lt

**Zdunik Julian**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartyccka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
☎ 48 22 841 0828  
✉ jlz@camk.edu.pl

**Zdziarski Andrzej**

Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartyccka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
☎ 48 22 841 0828  
✉ aaz@camk.edu.pl

**Zealey William J**

Dpt Eng Physics  
Univ Wollongong  
Northfields Av  
Wollongong NSW 2522  
Australia  
☎ 61 242 213 522  
☎ 61 242 215 944  
✉ b.zealey@uow.edu.au

**Zeilik Michael II**

Dpt Phys/Astronomy  
Univ New Mexico  
800 Yale Blvd NE  
Albuquerque NM 87131  
USA  
☎ 1 505 277 4442

**Zeilinger Werner W**

Inst Astronomie  
Univ Wien  
Tuerkenschanzstr 17  
A 1180 Wien  
Austria  
☎ 43 1 427 751 865  
☎ 43 1 427 795 18  
✉ zeilinger@astro.univie.ac.at

**Zeippen Claude**

Obsrv  
DAEC  
Pl J Janssen  
F 92195 Meudon PPL Cdx  
France  
☎ 33 1 45 07 7443  
☎ 33 1 45 07 7123  
✉ Claude.Zeippen@obspm.fr

**Zekl Hans Wilhelm**

Oleanderweg 19  
D 64625 Bensheim  
Germany  
☎ 49 625 158 8650  
✉ zeklh@rhein-neckar.netsurf.de

**Zelenka Antoine**

Dachslenbergstr 56  
CH 8180 Buelach  
Switzerland  
☎ 41 1 860 5156

**Zellner Benjamin H**

Physics Dpt  
Georgia Southern Univ  
Landrum Box 8031  
Statesboro GA 30460  
USA  
☎ 1 912 681 0080  
☎ 1 912 681 0471  
✉ zellner@gsvms2.cc.gasou.edu

**Zeng Qin**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 30 8516  
☎ 86 25 301 459  
✉ qinzheng@public1.ptt.js.cn

**Zensus J-Anton**

MPIfR  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 378  
☎ 49 228 525 435  
✉ azensus@mpifr-bonn.mpg.de

**Zepf Stephen Edward**

Astronomy Dpt  
Yale Univ  
P.O. Box 208101  
New Haven CT 06520- 8101  
USA  
☎ 1 203 432 3019  
☎ 1 203 432 5048  
✉ zepf@astro.yale.edu

**Zerull Reiner H**

Bereich Extraterr Physik  
Ruhr Univ Bochum  
Postfach 102148  
D 46047 Bochum  
Germany  
☎ 49 234 700 4576  
☎ 49 234 709 4169

**Zhagar Youri H**

Astron Observ  
Latvian State Univ  
Rainis Blvd 19  
LV 226098 Riga  
Latvia  
☎ 371 13 2 223149  
☎ 371 782 0180

**Zhang Baozhou**

Photoelectrical Detecting  
Laboratory  
Astronomy Dpt  
Beijing Normal Univ  
Beijing 100875  
China PR  
☎ 86 10 622 7781  
☎ 86 10 622 7631  
✉ zhangq@center.shao.ac.cn

**Zhang Bin**

Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 1 28 2471\*3888  
✉ zhb@sun10.bao.ac.cn

**Zhang Cheng-Yue**

STScI  
Homewood Campus  
3700 San Martin Dr  
Baltimore MD 21218  
USA  
☎ 1 410 516 6864  
☎ 1 410 516 8981  
✉ zhang@stsci.edu

**Zhang Er-Ho**

Astronomy Dpt  
Univ Texas  
Rlm 15 220  
Austin TX 78712 1083  
USA  
☎ 1 512 471 4462  
☎ 1 512 471 6016

**Zhang Guo-Dong**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
☎ 86 10 6488 8704

**Zhang Heqi**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
☎ 86 25 301 459

**Zhang Hui**

Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 33 2255  
☎ 86 9237 3496

**Zhang Jialu**

Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 33 1134  
☎ 86 551 33 1760

**Zhang Jian**

Astrophysics Division  
Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 10 6275 3146  
① 86 10 6256 4095  
✉ jianzhan@pku.edu.cn

**Zhang Jiexiang**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
① 86 25 301 459

**Zhang Jin**

URUMQI Astron Stat  
CAS  
40 South Beijing Rd  
Xinjiang 830011  
China PR  
☎ 86 99 138 39979  
① 86 99 138 38628  
✉ uao@rose.cnc.ac.cn

**Zhang Jintong**

Inst Geodesy/  
Geophysics  
Xu Dong Lu  
Wuchang 430077  
China PR

**Zhang Peiyu**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 37521  
① 86 25 301 459

**Zhang Qiang**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191\*213  
✉ zhang@center.shao.ac.cn

**Zhang Sheng-Pan**

MIT  
Haystack Observ  
Route 40  
Westford MA 01886 1299  
USA  
☎ 1 781-981 5931  
① 1 781 981 5766  
✉ szhang@haystack.mit.edu

**Zhang Shouzhong**

414 West 120 St  
Apt 401  
New York NY 10027  
USA  
☎ 1 212 666 4689

**Zhang Tong-jie**

Astronomy Dpt  
Beijing Normal Univ  
Beijing 100875  
China PR  
☎ 86 10 6220 7841  
① 86 10 6220 6319  
✉ tjzhang@  
email.bnu.edu.cn

**Zhang William W**

Code 662.0  
GSFC  
LIHEA  
Greenbelt MD 20771  
USA  
☎ 1 301 286 6230  
① 1 301 286 1684  
✉ william.w.zhang@  
gsfc.nasa.gov

**Zhang Xiaolei**

CfA  
HCO/SAO MS 78  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7020  
① 1 617 496 7554  
✉ xzhang@cfa.harvard.edu

**Zhang Xiuzhong**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618

**Zhang Xizhen**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ zxz@bao.ac.cn

**Zhang Yang**

Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 360 3801  
① 86 551 33 1760  
✉ yz@  
cfasun.cfa.ustc.edu.cn

**Zhang Youyi**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
① 86 25 301 459

**Zhang Zhen-Jiu**

Physics Dpt  
Huazhong Normal Univ  
Wuchang  
China PR  
☎ 86 75 601 6908

**Zhang Zhongping**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191\*368  
① 86 21 6438 4618  
✉ zzp@center.shao.ac.cn

**Zhao Changyin**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 331 1632  
① 86 25 331 1632  
✉ wlada@public2.bta.net.cn

**Zhao Gang**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ gzhaob@bao.ac.cn

**Zhao Jun Hui**

CfA  
HCO/SAO MS 78  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7294  
① 1 617 496 7554  
✉ jzhao@cfa.harvard.edu

**Zhao Jun Liang**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618

**Zhao Ming**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
① 86 21 6438 4618

**Zhao Yongheng**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ yzhao@bao.ac.cn

**Zhao Zhaowang**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
① 86 10 6487 7288  
✉ zzwang@bao01.bao.ac.cn

**Zharkov Vladimir N**

Inst Phys the Earth  
Acad Sciences  
Gruzinskaya 10  
123342 Moscow  
Russia  
☎ 7 095 254 5251

**Zharkova Valentina**

Honorary Research Fellow  
Dpt Phys/Astronomy  
Univ Glasgow  
Glasgow G12 8QQ  
UK  
☎ 44 14 19 151 700  
📞 44 14 13 305 183  
✉ valja@astro.gla.ac.uk

**Zhdanov Valery**

Astron Observ  
Kyiv State Univ  
Observatorna Str 3  
254053 Kyiv  
Ukraine  
☎ 380 44 51 31492  
✉ aoku@gluk.apc.org

**Zhekov Svetozar A**

Space Res Inst  
Bulgarian Acad Sci  
Moskovska Str 6  
BG 1000 Sofia  
Bulgaria  
☎ 359 2 97 93434  
📞 359 2 98 13347  
✉ szhekov@bgearn.acad.bg

**Zhelezniakov Vladimir V**

Inst Applied Physics  
Acad Sciences  
Ulyanov Ul 46  
603600 N Novgorod  
Russia  
☎ 7 831 236 7253  
📞 7 831 236 2061

**Zheng Jia-Qing**

Turku Univ  
Tuorla Observ  
Vaesisaelaentie 20  
FIN 21500 Piikkiö  
Finland  
☎ 358 2 274 4254  
📞 358 2 243 3767  
✉ zheng@sara.utu.fi

**Zheng Wei**

CAS  
JHU  
Charles/34th St  
Baltimore MD 21218 2695  
USA  
☎ 1 410 516 5459  
📞 1 410 516 8260  
✉ zheng@pha.jhu.edu

**Zheng Weimin**

Shanghai Astron Observ  
VLBI Technology Lab  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191\*679  
📞 86 21 6438 4618  
✉ zhwm@center.shao.ac.cn

**Zheng Xinwu**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 3593445  
📞 86 25 330 2728  
✉ xwzheng@nju.edu.cn

**Zheng Xueting**

Applied Phys Dpt  
E China Inst  
Technology  
Nanjing 210014  
China PR

**Zheng Ying**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 46700  
📞 86 25 301 459

**Zhevakin S A**

Radiophysical Res  
Inst  
Lyadov Ul 25/14  
603600 N Novgorod  
Russia  
☎ 7 831 236 6751  
📞 7 831 236 9902

**Zhilyaev Boris**

Main Astron Observ  
Ukrainian Acad Science  
Golosiiv  
252650 Kyiv 22  
Ukraine  
☎ 380 4426 64769  
📞 380 4426 62147  
✉ maouas@gluk.apc.org

**Zhong Hongqi**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📞 86 10 6487 7288  
✉ zhg@sun10.bao.ac.cn

**Zhong Min**

Inst Geodesy/  
Geophysics  
Xu Dong Lu  
Wuchang 430077  
China PR  
☎ 86 27 681 3841  
📞 86 27 681 3841  
✉ lab@asch.whigg.ac.cn

**Zhou Daoqi**

Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 1 28 2471\*3888

**Zhou Hongnan**

Physics Dpt  
Nanjing Normal Univ  
Nanjing 210097  
China PR  
☎ 86 25 371 6641  
📞 86 25 330 2728

**Zhou Ji-Lin**

Astronomy Dpt  
Nanjing Univ  
Nanjing 210093  
China PR  
☎ 86 25 627 1138  
📞 86 25 3330 2728  
✉ zhoujl@nju.edu.cn

**Zhou Ti-jian**

Dpt Geophysics  
Beijing Univ  
Beijing 100871  
China PR  
☎ 86 1 28 2471\*3888

**Zhou Xu**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📞 86 10 6488 8704  
✉ zhou@vega.bac.pku.edu.cn

**Zhou Yonghong**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📞 86 21 6438 4618  
✉ yzhou@center.shao.ac.cn

**Zhou Youyuan**

Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 330 1891  
📞 86 551 363 1760  
✉ yzhou@yustc.edu.cn

**Zhou Zhen-pu**

Purple Mountain Observ  
CAS  
Nanjing 210008  
China PR  
☎ 86 25 33738  
📞 86 25 301 459

**Zhu Jin**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📞 86 10 6487 7288  
✉ jinzhu@bao.ac.cn

**Zhu Nenghong**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📞 86 21 6438 4618

**Zhu Shichang**

Physics Dpt  
Shanghai Teachers Univ  
10 Gillin Rd  
Shanghai  
China PR  
☎ 86 21 384 301

- Zhu Wenyao**  
Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618
- Zhu Xingfeng**  
Astrophysics Division  
Univ Science/Technology  
Hefei 230026  
China PR  
☎ 86 551 33 1134  
📠 86 551 33 1760
- Zhu Yaozhong**  
Inst Geodesy/  
Geophysics  
Xu Dong Lu  
Wuchang 430077  
China PR  
☎ 86 551 81 3401
- Zhu Yonghe**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6488 8704
- Zhu Yongtian**  
Ctr for Astronomy  
Instrumen Res  
CAS  
Nanjing 210042  
China PR  
☎ 86 25 541 1776  
📠 86 25 540 5562
- Zhu Zi**  
Shaanxi Astron Observ  
CAS  
Box 18  
Lintong 710600  
China PR  
☎ 86 29 389 0478  
📠 86 29 389 0196  
✉ zhuzi@ms.sxso.ac.cn
- Zhu Zong-Hong**  
Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 9236  
📠 86 10 6485 0103  
✉ zhuzh@class1.bao.ac.cn
- Zhuang Qixiang**  
Bondar Clegg/Co Ltd  
NRCC  
5420 Canotec Rd  
Ottawa ON K1J 8X5  
Canada  
☎ 1 613 749 2220
- Zhugzhdha Yuzef D**  
ITMIRWP  
Acad Sciences  
142092 Troitsk  
Russia  
☎ 7 095 334 0120  
📠 7 095 334 0124
- Zickgraf Franz Josef**  
Landessternwarte  
Koenigstuhl  
D 69117 Heidelberg  
Germany  
☎ 49 622 150 9223  
📠 49 622 150 9202  
✉ fzickgr@  
mail.lsw.uni-heidelberg.de
- Zieba Stanislaw**  
Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 25 1294  
📠 48 12 25 1318
- Ziegler Bodo L**  
Univ Sternwarte  
Goettingen  
Geismarlandstr 11  
D 37083 Goettingen  
Germany  
☎ 49 551 395054  
📠 49 551 395043  
✉ bziegler@  
uni-sw.gwdg.de
- Ziegler Harald**  
HRZ  
Univ Dortmund  
Hochschulrechenzentrum  
D 44221 Dortmund  
Germany  
☎ 49 231 755 2039  
📠 49 231 755 2731  
✉ h.ziegler@  
hrz.uni-dortmund.de
- Zijlstra Albert**  
Physics Dpt  
UMIST  
Box 88  
Manchester M60 1QD  
UK  
☎ 44 161 200 3925  
📠 44 161 200 3669  
✉ aaz@  
iapetus.phy.umist.ac.uk
- Zikides Michael C**  
Astronomy Dpt  
Ntl Univ Athens  
Panepistimiopolis  
GR 157 84 Zografos  
Greece  
☎ 30 1 724 3414  
📠 30 1 723 5122
- Zimmermann Helmut**  
Astrophysik Inst  
Univ Sternwarte  
Schillergaesschen 2  
D 07745 Jena  
Germany  
☎ 49 364 163 0323  
📠 49 364 163 0417
- Zinn Robert J**  
Astronomy Dpt  
Yale Univ  
Box 6666  
New Haven CT 06520  
USA  
☎ 1 203 436 3460  
📠 1 203 432 5048  
✉ zinn@astro.yale.edu
- Zinnecker Hans**  
Astrophysik Inst  
Potsdam Univ  
An der Sternwarte 16  
D 14482 Potsdam  
Germany  
☎ 49 331 749 9347  
📠 49 331 749 9267  
✉ hzinnecker@aip.de
- Ziolkowski Janusz**  
Copernicus Astron Ctr  
Polish Acad Sci  
Ul Bartyccka 18  
PL 00 716 Warsaw  
Poland  
☎ 48 22 841 1086  
📠 48 22 841 0828
- Ziolkowski Krzysztof**  
Space Res Ctr  
Polish Acad Sci  
Ul Ordona 21  
PL 01 237 Warsaw  
Poland  
☎ 48 22 40 3766  
📠 48 22 36 8961
- Zirin Harold**  
CALTECH  
MS 264 33  
Pasadena CA 91125  
USA  
☎ 1 818 356 3857  
📠 1 818 395 3814
- Zirker Jack B**  
AFGL  
NSO  
Sunspot NM 88349  
USA  
☎ 1 505 434 1390  
📠 1 504 434 7029
- Zitelli Valentina**  
Osserv Astron di Bologna  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 259 301  
📠 39 051 259 407  
✉ zitelli@bo.astro.it
- Ziurys Lucy Marie**  
Univ Arizona  
Steward Obs  
Tuscon AZ 85721  
USA  
☎ 1 520 621 6525  
📠 1 520 621 1532  
✉ iziurys@as.arizona.edu
- Ziznovsky Jozef**  
Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 96 7866  
📠 421 969 96 7656  
✉ ziga@ta3.sk

**Zlobec Paolo**

OAT  
Box Succ Trieste 5  
Via Tiepolo 11  
I 34131 Trieste  
Italy  
☎ 39 040 319 9255  
📠 39 040 30 9418

**Zlotnik Elena Ya**

Inst Applied Physics  
Acad Sciences  
Ul'yanov Ul 46  
603600 N Novgorod  
Russia  
☎ 7 831 236 3519  
📠 7 831 236 2081

**Zola Stanislaw**

Astron Observ  
Krakow Jagiellonian Univ  
Ul Orla 171  
PL 30 244 Krakow  
Poland  
☎ 48 12 25 1294  
📠 48 12 25 1318  
✉ zola@oa.uj.edu.pl

**Zombeck Martin V**

CfA  
HCO/SAO  
60 Garden St  
Cambridge MA 02138 1516  
USA  
☎ 1 617 495 7227  
📠 1 617 495 7700  
✉ mvz@cfa.harvard.edu

**Zorec Juan**

IAP  
98bis bd Arago  
F 75014 Paris  
France  
☎ 33 1 44 32 8121  
📠 33 1 44 32 8001  
✉ zorec@iap.fr

**Zou Huicheng**

Shanghai Astron Observ  
CAS  
80 Nandan Rd  
Shanghai 200030  
China PR  
☎ 86 21 6438 6191  
📠 86 21 6438 4618

**Zou Yixin**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6488 8704

**Zou Zhenlong**

Beijing Astron Observ  
CAS  
Beijing 100012  
China PR  
☎ 86 10 6487 7288  
📠 86 10 6488 8704  
✉ zouzl@bao.ac.cn

**Zsoldos Endre**

Konkoly Observ  
Thege U 13/17  
Box 67  
HU 1525 Budapest  
Hungary  
☎ 36 1 375 4122  
📠 36 1 275 4668  
✉ zsoldos@ogyalla.konkoly.hu

**Zucca Elena**

Osserv Astronom  
Univ d Bologna  
Via Ranzani 1  
I 40127 Bologna  
Italy  
☎ 39 051 209 5756  
📠 39 051 209 5700  
✉ zucca@bo.astro.it

**Zuccarello Francesca**

Istt Astronomia  
Citta Universitaria  
Via A Doria 6  
I 95125 Catania  
Italy  
☎ 39 095 733 2111  
📠 39 095 733 0592  
✉ fzucca@alpha4.ct.astro.it

**Zuckerman Ben M**

Dpt Astronomy/Phys  
UCLA  
Box 951562  
Los Angeles CA 90025 1562  
USA  
☎ 1 310 825 9338  
📠 1 310 206 2096

**Zuiderwijk Edwardus J**

Inst Astronomy  
Madingley Rd  
Cambridge CB3 0EZ  
UK  
☎ 44 12 23 374 868  
📠 44 12 23 374 700  
✉ ejz@ast.cam.ac.uk

**Zverko Juraj**

Astron Inst  
Slovak Acad Sci  
SK 059 60 Tatranska Lomni  
Slovakia  
☎ 421 969 4467 866  
📠 421 969 4467 656  
✉ zve@ta3.sk

**Zvolankova Judita**

Astron Inst  
Slovak Acad Sci  
Dubravska 9  
SK 842 28 Bratislava  
Slovakia  
☎ 421 7 37 5157  
📠 421 7 37 5157

**Zwitter Tomaz**

Astron Observ  
Univ E Kardelj  
Jadranska 19  
Ljubljana  
Slovenia  
☎ 386 1476 6544  
📠 386 1251 7281  
✉ tomaz.zwitter@uni-lj.si

**Zylka Robert**

RAIUB  
Univ Bonn  
auf d Huegel 69  
D 53121 Bonn  
Germany  
☎ 49 228 525 376  
📠 49 228 525 229  
✉ rzylka@mpifr-bonn.mpg.de