

poster sessions were also a favorite gathering place for attendees. The society offered a variety of complementary drinks and dishes so the attendees could discuss various scientific subjects and seek possible future collaborations in a relaxing atmosphere.



Plenary session by Nobel Laureate Professor Steven Chu at the 2007 MRS Fall meeting (courtesy of Gopal Rao, MRS).

During the meeting, a number of special plenary sessions and notable lectures were highlighted. Plenary talks included “The World’s Energy Problem and What We Can Do about It” by Steven Chu who was the winner of the 1997 Nobel prize in physics. He is currently the Director of the Lawrence Berkeley National Laboratory. The MRS Medal Awardees, Omar M. Yaghi (University of California—Los Angeles) presented a talk on “Metal-Organic Frameworks for Clean Energy.” The Turnbull Lecturer Award was presented to Ramamoorthy Ramesh from University of California, Berkeley for his pioneering contributions to the materials science of complex oxide heterostructures and nanostructures. Professor Ramesh presented a lecture on “Whither Oxide Electronics?” The newly inaugural Fred Kavli Distinguished Lectureship in Nanoscience was given to Sir Harold Kroto, winner of the 1996 Nobel Prize in chemistry. His talk was focused on “Global Educational Outreach for Science Engineering and Technology initiative. The

Materials Research Society’s highest honor, the Von Hippel Award, was presented to Prof. William Nix of Stanford University, who lectured on “Exploiting New Opportunities in Material Research by Remembering and Applying Old Lessons.”

The president’s Forum was a new event that featured Bill Joy, who was described as the “Edison of the Internet” by Fortune Magazine. Special MRS events this year also included a number of overview talks about government funding from the Department of Energy (Harriet Kung), the Department of Defense (Thomas Russell, Judah Goldwasser, Julie A. Christodoulou, and William V. Lampert), and the National Science Foundation (Zakya H. Kafafi). Other special events included the popular “Science as Art” competition, and the entrepreneurship challenge information session. Cynthia Volkert of the University of Göttingen, Germany, gave a presentation on “The role of professional societies in promoting women: case study—MRS” at the Women in Materials Science & Engineering Breakfast, followed by a discussion session.

An impressive large-scale MRS exhibit also took place in the Hynes Exhibit Hall during the conference. Over 243 international exhibitors (manufacturers, suppliers, service organizers, publishers, engineering firms, etc), including ICDD, displayed an extensive array of products, equipment, instrumentation, publications, services, and computer-related products. The exhibit hall has also been a meeting place where attendees can relax, exchange information, and also enjoy their coffee-breaks. Many of them took the opportunity to stroll along different aisles to learn about the latest technology, pick up souvenirs, and to browse through new books, journals, and brochures.

On Friday, the final MRS scientific program (involving 11 symposia) took place and this successful conference was concluded at noon. Throughout the entire week, the weather was unseasonably warm, which allowed attendees to enjoy and stroll comfortably outside the Copely Square Plaza. We look forward to another successful Fall MRS meeting in 2008.

## Calendar of Meetings

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### 3–6 March 2008

**16th Annual Meeting of the German Society of Crystallography.** Erlangen, Germany. [Info: <http://conventus.de/index.php?page1119&client=447&lang=1088>].

### 9–13 March 2008

**2008 TMS Annual Meeting and Exhibition.** New Orleans, Louisiana, USA. [Contact: TMS Meeting Services, 184 Thorn Hill Road, Warrendale, PA 15086, USA. Tel: 1 (724) 7769000 x 243; Fax: 1 (724) 776 3770; E-mail:

[mtgserv@tms.org](mailto:mtgserv@tms.org); Info: <http://www.tms.org/Meetings/Annual-08/AnnMeet08Home.html>].

### 10–14 March 2008

**International Centre for Diffraction Data, Spring Meeting.** Newtown Square, Pennsylvania, USA. [Contact: Linda Shertz, International Centre for Diffraction Data, 12 Campus Boulevard, Newtown Square, PA 19073-3273, USA. Tel: 1 (610) 325 9814; Fax: 1 (610) 325 9823; E-mail: [shertz@icdd.com](mailto:shertz@icdd.com); Info: <http://www.icdd.com>].

**11–13 March 2008**

**Polymorphism and Crystallization 2008.** London, England, UK. [Info: <http://www.iqpcpevents.com/ShowEvent.aspx?id=51560&details=50952>].

**24–28 March 2008**

**2008 Spring Meeting, Materials Research Society.** San Francisco, California, USA. “The 2008 MRS Spring Meeting will feature 41 technical symposia in five topical clusters, an international exhibit highlighting products and services of interest to the materials community, and much more.” [Contact: Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086-7573, USA. Tel: 1 (724) 779 3003; Fax: 1 (724) 779 8313; Info: [http://www.mrs.com/s\\_mrs/sec.asp?CID=6689&DID=174642](http://www.mrs.com/s_mrs/sec.asp?CID=6689&DID=174642)].

**31 March–1 April 2008**

**Electron Backscatter Diffraction Meeting.** Sheffield, England, UK. [Contact: Peter Korgul, University of Sheffield. Tel: 44 (1865) 248768; Fax: 44 (1865) 791237; E-mail: [events@rms.org.uk](mailto:events@rms.org.uk)].

**8–10 April 2008**

**British Crystallographic Association Annual Spring Meeting.** York, England, UK. [Contact: Info: <http://crystallography.org.uk>].

**11–15 May 2008**

**ACNS2008 Fourth Biennial American Conference on Neutron Scattering.** Santa Fe, New Mexico, USA. Sponsored by the Neutron Scattering Society of America and hosted by the Los Alamos National Laboratory. [Info: <http://www.lansce.lanl.gov/acns2008/index.html>].

**12–16 May 2008**

**37th International Symposium on Archaeometry.** Siena, Italy. “The aim of the Symposium is to promote the development and use of scientific techniques in order to extract archaeological and historical information from the cultural heritage and the paleoenvironment.” [Contact: University of Siena, Ufficio Congressi, Banchi di Sotto 46, 52100 Siena, Italy; Tel: 39 (0577) 232131; Fax: 39 (0577) 232134; E-mail: [corsir@unisi.it](mailto:corsir@unisi.it); Info: <http://www.unisi.it/eventi/isa2008>].

**18–23 May 2008**

**Seventh Symposium on High Temperature Corrosion and Protection of Materials.** Les Embiez, France.

**26–30 May 2008**

**Spring Meeting of the European Materials Research Society,** Strasbourg, France. [Info: <http://www.emrs-strasbourg.com>].

**31 May–3 June 2008**

**17th International Synchrotron Radiation Conference.** Novosibirsk, Russia.

**31 May–5 June 2008**

**American Crystallographic Association Annual Meeting.** Knoxville, Tennessee, USA. [Contact: ACA Registrar; Tel: 1 (716) 898 8690; Fax: 1 (716) 898 8695; E-mail: [aca@hwi.buffalo.edu](mailto:aca@hwi.buffalo.edu); Info: <http://www.amercrystalassn.org>].

**9–12 June 2008**

**International Materials Research Conference.** Chongqing, China. Cosponsored by the Materials Research Society and the Chinese Materials Research Society. [Contact: Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086-7573, USA. Tel: 1 (724) 779 3003; Fax: 1 (724) 779 8313; Info: [http://www.mrs.com/s\\_mrs/sec.asp?CID=7060&DID=178708](http://www.mrs.com/s_mrs/sec.asp?CID=7060&DID=178708)].

**16–20 June 2008**

**EXRS2008 13th European Conference on X-ray Spectrometry.** Cavtat (Dubrovnik), Croatia. [Contact: EXRS2008 Secretariat, Ruder Bošković Institute, Post Office Box 180, 10002 Zagreb, Croatia. E-mail: [exrs2008@irb.hr](mailto:exrs2008@irb.hr); Info: <http://exrs2008.irb.hr>].

**6–11 July 2008**

**10th International Conference on Quasicrystals.** Zurich, Switzerland. Abstracts are invited in all areas of study, including synthesis, crystal growth and structure, phase stability, surfaces and thin films, physical properties, applications, and new frontiers of quasicrystals and cluster-based metallic alloys. [Contact: Conference Secretariat, Mrs. Cornelia Aurelio, Laboratory of Crystallography, ETH Zurich, Wolfgang-Pauli-Strasse 10, CH-8093 Zurich, Switzerland. Tel: 41 (44) 632 3769; Fax: 41(44) 632 1133; E-mail: [icq10@mat.ethz.ch](mailto:icq10@mat.ethz.ch); Info: <http://icq10.ethz.ch>].

**7–10 July 2008**

**AFC 2008 Colloque de l'Association Française de Cristallographie.** Rennes, France. [Info: <http://www.afc2008.univ-rennes1.fr>].

**20–23 July 2008**

**Sixth International Conference on Synchrotron Radiation in Materials Science.** Campinas, São Paulo, Brazil. [Contact: Rogério Magalhaes-Paniago, Laboratório Nacional de Luz Sincrotron, ABTLuS CP 6192, 13084-971 Campinas, SP Brasil. Tel: 55 (19) 35121023, Fax: 55 (19) 35121004; E-mail: [paniago@lnls.br](mailto:paniago@lnls.br); Info: <http://www.srms-6.com.br>].

**21–26 July 2008**

**XRM2008 9th International Conference on X-ray Microscopy.** Zurich, Switzerland. Held at the downtown campus of ETH Zurich. [Contact: Mrs. Charlotte Heer, Paul Scherrer Institut, WSLA/123, 5232 Villigen PSI, Switzerland. Tel: 41 (56) 310 3178; Fax: 41 (56) 310 3151; E-mail: [charlotte.heer@psi.ch](mailto:charlotte.heer@psi.ch); Info: <http://xrm2008.web.psi.ch>].

**4–8 August 2008**

**57th Annual Denver X-ray Conference.** Denver, Colorado, USA. Held in the Denver Marriott Tech Center Hotel. A unique mixture of sessions on training, education, and applications. Presentations containing details on state-of-the-art techniques and future developments in X-ray analysis. [Contact: Denise Flaherty, International Centre for Diffraction Data, 12 Campus Boulevard, Newtown Square, PA 19073-3273, USA. Tel: 1 (619) 325 9814; E-mail: [flaherty@icdd.com](mailto:flaherty@icdd.com); Info: <http://www.dxcicdd.com>].

**6–8 August 2008**

**ICRS-8 8th International Conference on Residual Stresses.** Denver, Colorado, USA. Held in conjunction with

the 57th Annual Denver X-ray Conference. A forum for scientists, engineers, academicians, and students interested in the prediction, evaluation, control, and application of residual stresses. [Info: <http://www.dxcicdd.com/icrs/default.htm>].

#### 18–22 August 2008

**6th International Conference on Borate Glasses, Crystals and Melts.** Hyogo, Japan. This is a satellite meeting of the 21st IUCr General Assembly and International Congress of Crystallography. [Contact: Dr. Norimasa Umesaki. E-mail: [umesaki@spring8.or.jp](mailto:umesaki@spring8.or.jp); Tel: 81 (791) 58 0834; Fax: 81 (791) 58 0830; Info: <http://borate2008.spring8.or.jp>].

#### 20–22 August 2008

**X-ray and Neutron Techniques for Nano-structural Research.** SPring-8, Japan. Organized by the IUCr Commission on Small-angle Scattering. This is a satellite meeting of the 21st IUCr General Assembly and International Congress of Crystallography. [Contact: Naoto Yagi. E-mail: [yagi@spring8.or.jp](mailto:yagi@spring8.or.jp); Info: [http://xrm.spring8.or.jp/IUCr\\_satellite.html](http://xrm.spring8.or.jp/IUCr_satellite.html)].

#### 22 August 2008

**Symposium on Organic Micro- and Nano-crystals.** Sendai, Japan. Held at Tohoku University. This is a satellite meeting of the 21st IUCr General Assembly and International Congress of Crystallography. [Contact: Hachiro Nakanishi. E-mail: [hnakanis@tagen.tohoku.ac.jp](mailto:hnakanis@tagen.tohoku.ac.jp)].

#### 23–31 August 2008

**21st IUCr General Assembly and International Congress of Crystallography.** Osaka, Japan. [Info: <http://www.iucr2008.jp>].

#### 1–2 September 2008

**Development of Advanced Instruments for New Electron Microscopy and Diffraction.** Nagoya, Japan. Held at Nagoya University. This is a satellite meeting of the 21st IUCr General Assembly and International Congress of Crystallography. [Contact: Nobuo Tanaka. E-mail: [a41263a@nucc.cc.nagoya-u.ac.jp](mailto:a41263a@nucc.cc.nagoya-u.ac.jp)].

#### 1–2 September 2008

**Powder Diffraction on Proteins: Current Status and Future Prospects.** Kyoto, Japan. Held at the Kyoto Institute of Technology. This is a satellite meeting of the 21st IUCr General Assembly and International Congress of Crystallography.

[Contact: Keiko Miura. E-mail: [miurakk@spring8.or.jp](mailto:miurakk@spring8.or.jp)].

#### 15–19 September 2008

**Fall Meeting of the European Materials Research Society.** Warsaw, Poland. [Info: <http://www.e-mrs.org/meetings/fall2008>].

#### 19–22 September 2008

**11th European Powder Diffraction Conference.** Warsaw, Poland. [E-mail: [organizers@epdic-11.eu](mailto:organizers@epdic-11.eu); Info: <http://www.epdic-11.eu>].

#### 17–20 November 2008

**14th International Conference on Thin Films and Reactive Sputter Deposition.** Ghent, Belgium. The official language of the Congress is English. [Contact: ICTF14 Secretariat, [ICTF14@UGent.be](mailto:ICTF14@UGent.be); Info: <http://83.101.19.118/ICTF14>].

#### 25–30 July 2009

**American Crystallographic Association Annual Meeting.** Toronto, Ontario, Canada. [Info: [http://www.americalcrystalassn.org/meetings\\_pglis/futuremeetings.html](http://www.americalcrystalassn.org/meetings_pglis/futuremeetings.html)].

#### Summer 2009

**14th International XAFS Conference.** Camerino, Italy. Held at the University of Camerino. [Info: [http://gnxas.unicam.it/XASLABwww/pag\\_xafs2009.html](http://gnxas.unicam.it/XASLABwww/pag_xafs2009.html)].

#### 7–9 August 2009

**Symmetry and Crystallography in Turkish Art and Culture.** Istanbul, Turkey. This is a satellite conference of the 25th European Crystallographic Meeting in Istanbul, sponsored by the IUCr Commission on Mathematical and Theoretical Crystallography. It includes a do-it-yourself workshop and a short excursion. [Contact: E-mail: [mathcryst.satellite@lcm3b.uhp-nancy.fr](mailto:mathcryst.satellite@lcm3b.uhp-nancy.fr)].

#### 9–14 August 2009

**25th European Crystallographic Meeting.** Istanbul, Turkey. [E-mail: [ecm25@ecm25.org](mailto:ecm25@ecm25.org); Info: <http://www.ecm25.org>].

#### 13–18 September 2009

**SAS-2009 XIV International Conference on Small-angle Scattering.** Oxford, England, UK. [Contact: E-mail: [s.m.king@rl.ac.uk](mailto:s.m.king@rl.ac.uk) or [nick.terrell@diamond.ac.uk](mailto:nick.terrell@diamond.ac.uk); Info: <http://www.isis.rl.ac.uk/largescale/loq/SAS2009/SASW2009.htm>].

## Short Courses & Workshops

#### 28–30 March 2008

**2nd International Workshop on Layered Materials.** Vercelli, Italy. Sponsored by the Italian Crystallographic Association (AIC) and the Italian Zeolite Association (AIZ.) [Contact: Meeting Secretariat, Dr. Giuseppina Cannatelli, Dipartimento di Scienze e Tecnologie Avanzate, Università del Piemonte Orientale “A. Avogadro,” Via G. Bellini, 25 G, 15100 Alessandria, Italy. Tel: 39 (0131) 360269; Fax: (0131)

360250; E-mail: [layeredmaterials@mfn.unipmn.it](mailto:layeredmaterials@mfn.unipmn.it); Info: <http://www.layeredmaterials.mfn.unipmn.it>].

#### 30 March–3 April 2008

**Rietveld School 2008.** Durham, England, UK. Sponsored by the Physical Crystallography Group of the British Crystallographic Association and the Structural Condensed Matter Physics Group of the Institute of Physics. Held at the University of Durham, Chemistry Department. [Info: <http://www.rietveldschool.org>].