

*The following 5 papers, the texts of which have not been received, or have already been published, were also presented*

## **Searching for Variables, and Constructing a Slit-less Spectroscope**

*Lennart Dahlmark*

Montlaux, F-04230 St. Etienne les Orgues, France

Methods of searching for variables using a short-focal-length (30 cm) and stereo and blink comparators were described, together with the design of a simple slit-less spectrograph suitable for a Newtonian or Cassegrain telescope.

## **Solar Spectroscopy with a CCD**

*Olivier Saint-Pé*

Observatoire de Meudon, 5 Place Jules-Janssen,  
F-92195 Meudon Principal, France

The design of a spectrograph having spatial resolution and using a linear CCD was described, together with the optical solution adopted (an Ebert device) and the processing applied to the data obtained.

### **Reference**

Saint-Pé, O., Collot, L., Buil, C.: "Spectroscopie à CCD", *Obs. et Travaux (S.A.F.)*, (8) 17–18, 1986

## **Obtaining Extraterrestrial Dust by Balloon Probes**

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The "Icare" experiment, involving a balloon at a height of about 30 km was described. The gondola was made of polystyrene, the reasoning being that micrometeorites, by virtue of their velocity, would embed themselves in this to a sufficient degree that they would not be lost during the payload's recovery and subsequent handling.

Electron microscope examination revealed dust particles collected during the flights, and micro-analysis suggests that these are truly of extraterrestrial origin.