

ANNOUNCEMENTS

CNRS – OBSERVATOIRE DE HAUTE-PROVENCE and EUROPEAN SOUTHERN OBSERVATORY

4th ESO/OHP Summer School in Astrophysical Observations

Observatoire de Haute-Provence, France, 18–29 July 1994

The rapid advances made in the area of astronomical instrumentation had the side effect that fewer students have ready access to up-to-date observing facilities. As a contribution to reducing this imbalance in the training of young astronomers, the ESO/OHP Summer School offers the opportunity to gain practical experiences under realistic conditions.

In groups of three, each guided by an experienced observer, the participants will use the equipment of the OHP to carry out a small observing programme with telescopes of 1.2–1.9 metre aperture (direct imaging and spectroscopy, both with a CCD detector), to reduce the data with a modern image processing system (MIDAS or IHAP), to extract relevant additional information from the astronomical literature, and to describe the results in a brief summary which is to be presented to the other participants at the end of the school.

The preparation of the practical work will be supplemented by a series of 90-minute lectures which will be given by invited specialists. Foreseen subjects include: (a) Modern Telescope Layout, (b) Detectors, (c) Optical instrument design, (d) Principals of Photometry, (e) Spectrographs and spectroscopy, (f) IR Astronomy from the ground and from space, and (g) Data reduction techniques. A scientific talk on a frontier astronomical subject is also foreseen.

The working language at the summer school will be English. Applications are invited from graduate students working on an astronomical Ph.D. thesis at an institute in one of the ESO member countries. Application forms are available from the organizers and have to be returned by March 31, 1994. Additionally, a letter of recommendation by a senior scientist familiar with the applicant's work is required. Up to eighteen participants will be selected and have their travel and living expenses fully covered by ESO or OHP. (Reports on the previous ESO/OHP Summer Schools have appeared in *The Messenger*: see No. 53, p. 11, No. 61, p. 8 and No. 69, p. 17).

The Organizers:

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ESO Workshop on The Bottom of the Main Sequence – And Beyond

ESO, Garching
August 8–10, 1994

An ESO Workshop on the objects at, and below, the bottom of the stellar main sequence will be held from August 8–10, at the Headquarters of the European Southern Observatory, Garching, Germany.

This workshop aims to discuss recent observational and theoretical issues related to the lowest mass stars and brown dwarfs, both in the Galactic Disk and Halo, including the following topics:

- Searches for Low Mass Objects in the Disk and Halo
- Studies of Spectral Properties
- Progress in Parallaxes
- Searches for Li
- Progress in Models
- The T_{eff} and L Scales
- Future Directions

Scientific Organizing Committee:

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ESO Libraries On-Line Catalogue

The ESO Libraries On-line Catalogue is now publicly available. The system allows access to the Library Catalogue for all ESO libraries, informs about new acquisitions, and enables library users to view their checkouts.

Users from within ESO reach the system via the rlogin command: rlogin -l library ac4 (for users in Garching) or rlogin -l lslib ac4 (for users in Chile). From outside ESO, use the telnet address libhost.hq.eso.org, login: library (defaults will refer to Main Library in Garching) or lslib (defaults refer to La Silla Library).

Two user guides are available: "The ESO Libraries On-line Catalogue in a Nutshell" and "The ESO User Guide to the On-line Catalogue". Both are available from the ESO Library in Garching (esolib@eso.org).

Further information about the system will be given in a forthcoming issue of the *Messenger*.

New ESO Publications

(September–November 1993)

The SEST Handbook (ESO Operating Manual No. 19 – August 1993).

Annual Report 1992.

Scientific Preprints

939. A. Renzini: Searching for Type 1a Supernova Progenitors. To appear in *Supernovae and Supernova Remnants*, IAU Coll. 154, ed. R. McCray (Cambridge University Press).