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

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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 -I library ac4 (for users in Garching) or rlogin -I Islib 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 Islib (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 Online 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)


Scientific Preprints
952. S. Refsdal and J. Surdej: Gravitational Lenses. Accepted for publication in Reports on Progress in Physics.
953. S. Benetti et al.: The Late Evolution of the Type II SN 1990 E. Astronomy and Astrophysics.
954. L.M. Buson et al.: The Distribution of Ionized Gas in Early-Type Galaxies. Astronomy and Astrophysics.

Technical Preprints

60. J.M. Beckers: Imaging with Array Detectors Using Differential Detection. Submitted for publication to Experimental Astronomy.

Proceedings of the 5th ESO/ST-ECF Data Analysis Workshop Available
(ESO Conference and Workshop Proceedings No. 47)

The proceedings of this workshop have now been published. The 230-p. volume, edited by P.J. Grosbol and R.C.E. de Rijlscher, may be obtained at a price of DM 30.– (including packing and surface mail). Payments have to be made to the ESO bank account 2102002 with Commerzbank München or by cheque, addressed to the attention of
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Arrivals

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CHAVAN, Alberto (I), Engineer (Software)
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