

# 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) Principles 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:

M.P. Véron  
Observatoire de Haute-Provence  
F-04870 Saint-Michel-l'Observatoire  
France

Internet: MIRA@OBSHPA.OBS-HP.FR  
SPAN: OBSHPA::MIRA  
EARN/Bitnet:

J. Wampler  
European Southern Observatory  
Karl-Schwarzschild-Str. 2  
D-85748 Garching  
Germany  
JWAMPLER@ESO.ORG  
ESO::JWAMPLER  
JWAMPLER@DGAESO51

## 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  $T_{\text{eff}}$  and L Scales
- Future Directions

### Scientific Organizing Committee:

Chris Tinney, R.F. Jameson, Rafael Rebolo, Francesca D'Antona, Mike Bessell, Jim Liebert, France Allard, Neill Reid.

### Contact Address:

Chris Tinney  
European Southern Observatory,  
Karl-Schwarzschild-Str. 2  
D-85748 Garching, Germany.  
e-mail: ctinney@eso.org

FAX: (089) 320 2362

## 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).



940. S. Savaglio et al.: The Metal Systems in Q0000–2619 at High Resolution. *Astronomy and Astrophysics*.
941. L. Wisotzki et al.: The New Double QSO HE 1104–1805: Gravitational Lens with Microlensing or Binary Quasar? *Astronomy and Astrophysics*.
942. H.W. Duerbeck and E.K. Grebel: Recovery of the Classical Nova AR Cir. *M.N.R.A.S.*
943. J.C. Cuillandre et al.: “Va-et-Vient” Spectroscopy: a New Mode for Faint Object CCD Spectroscopy with Very Large Telescopes. *Astronomy and Astrophysics*.
944. E. Krügel and R. Siebenmorgen: The Transfer of Radiation in Galactic Nuclei – Dusty Hot Spots in the Star Burst Galaxy M82. *Astronomy and Astrophysics*.
945. R. Siebenmorgen and R.R. Peletier: Search for the 1.67  $\mu\text{m}$  PAH Emission Band: More Upper Limits. *Astronomy and Astrophysics*.
946. A. Cimatti: Stellar and Scattered Light in a Radio Galaxy at  $z = 2.63$ . *The Astrophysical Journal*.  
S. di Serego Alighieri and A. Cimatti: Misdirected Quasars in Distant Radio Galaxies. Paper presented at the IAU Symp. 159 on “AGN across the electromagnetic spectrum”, held in Geneva, August–September 1993.
947. A.A. Zijlstra and R. Siebenmorgen: The Past and Present Infrared Spectrum of BD+30°3639. Paper presented at the workshop “Planetary Nebula Nuclei: Models and Observations”, Bachotek, 31 August–2 September 1993.
948. O. von der Lühe: Speckle Imaging of Solar Small Scale Structure. II. Study of Small Scale Structure in Active Regions. *Astronomy and Astrophysics*.
949. T.R. Bedding and A.A. Zijlstra: Angular Diameters of Compact Planetary Nebula. *Astronomy and Astrophysics*.
950. L. Pasquini and H. Lindgren: Chromospheric Activity in Pop II Binaries. *Astronomy and Astrophysics*.
951. B. Pettersson and Bo Reipurth: Young Stars Associated with the Vela Molecular Ridge: I. VMR Clouds C and D, Collinder 197 and Vela R2. *Astronomy and Astrophysics*.
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*.
955. E. Bica, D. Alloin and H.R. Schmitt: Integrated Spectral Properties of Star Clusters in the Near Ultraviolet. *Astronomy and Astrophysics*.
956. G.M. Stirpe et al.: Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. VI. Variability of NGC 3783 from Ground-Based Data. *The Astrophysical Journal*.
957. M. Della Valle and M. Livio: On the Nova Rate in the Galaxy. *Astronomy and Astrophysics*.
958. E.K. Grebel et al.: Be Stars in Young Clusters in the Magellanic Clouds. D.J. Bomans and E.K. Grebel: Blue and Red Supergiants and the Age Structure of the NGC 330 Region. Papers accepted for publication in *Space Science Reviews*.
959. H. Van Winckel et al.: V417 Cen: A Yellow Symbiotic System in a Resolved Nebula. *Astronomy and Astrophysics*.
960. M.C. Festou, H. Rickman and R.M. West: Comets. *Astronomy and Astrophysics Reviews*.
- Technical Preprints**
56. A.F.M. Moorwood: IR Array Instruments for the ESO VLT. To appear in *Infrared Astronomy with Arrays: The Next Generation*, ed. I. McLean, Kluwer: Dordrecht.
57. N. Hubin, J.L. Beuzit, E. Gendron, L. Demailly: ADONIS – a User-Friendly Adaptive Optics System for the ESO 3.6-m Telescope. To be published in the Proc. ICO-16 Satellite Conf. on “Active and Adaptive Optics”, Garching, August 2–5, 1993.
58. M. Cullum: Detectors. Contribution to the Commission 9 report for the IAU Transactions XX11 A.
59. G. Rousset et al.: The COME-ON-PLUS Adaptive Optics System: Results and Performance. To be published in the Proc. ICO-16 Satellite Conf. on “Active and Adaptive Optics”, Garching, August 2–5, 1993.
60. J.M. Beckers: Imaging with Array Detectors Using Differential Detection. Submitted for publication to *Experimental Astronomy*.
61. G. Filippi: Software Engineering for ESO’s VLT Project. Paper presented at the International Conference on Accelerator and Large Experimental Physics Control Systems (ICALEPCS '93), held in Berlin, Germany, October 18–22, 1993.

## 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. Grosbøl and R. C. E. de Ruijscher, 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

ESO, Financial Services  
Karl-Schwarzschild-Str. 2  
D-85748 Garching b. München, Germany

## STAFF MOVEMENTS

### Arrivals

#### Europe

CHAVAN, Alberto (I), Engineer (Software)  
FERRAND, Didier (F), Engineer/Physicist  
LEIBUNDGUT, Bruno (CH), Astronomer  
MINNITI, Dante (RA), Fellow

### Departures

#### Europe

BOSSE, Nathalie (F), Secretary  
CAROLLO, Marcella (I), Student  
KJELDSSEN, Hans (DK), Fellow  
KOLB, Manfred (D), Student  
WOLOHAN, Deirdre (IRL), Administrative Clerk (Personnel)  
ZHU, Nenghong (RC), Associate

#### Chile

CAPPELLARO, Enrico (I), Associate  
DELLA VALLE, Massimo (I), Fellow