

ANNOUNCEMENTS

CNRS – Observatoire de Haute-Provence and European Southern Observatory 6th ESO/OHP Summer School in Astrophysical Observations

OBSERVATOIRE DE HAUTE-PROVENCE, FRANCE
15–25 July 1998

The ESO/OHP Summer School offers young astronomers the opportunity to gain practical observing experience under realistic conditions. Participants will work in groups of three and will be guided by an experienced observer in the use of the instrumentation of OHP. Each group will carry out a small observing programme on the telescopes of 0.8–1.9 m aperture, all equipped with a CCD detector (direct imaging and spectroscopy), and reduce the data with MIDAS or IRAF. The results will be related to relevant additional information from the astronomical literature, and presented in a brief summary 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) Spectrographs and spectroscopy, (b) Principles of photometry, (c) Detectors, and (d) Data-reduction techniques.

The working language at the summer school will be English. Applications are invited from graduate students working on a Ph.D. thesis in astronomy at an institute in one of the ESO member countries. Application forms are available from the organisers and are to be returned by March 31, 1998. 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 will have their travel and living expenses fully covered by the school.

THE ORGANISERS

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PERSONNEL MOVEMENTS

International Staff

(1 November – 31 December 1997)

ARRIVALS

Europe

WOUDT, Patrick (NL), Fellow
MEI, Simona (F), Student
VIEZZER, Rodolfo (I)

Chile

PATAT, Ferdinando (I)
ENDL, Michael (A), Student
WIRENSTRAND, Krister (S), Senior Software Engineer
(Transfer from Garching to Paranal)

DEPARTURES

Europe

CROCKER, James (USA), Head of Programme Office
MOHAMMADZADEH, Ali (N), CCD Specialist
ZIJLSTRA, Albert (NL), User Support Astronomer
GRÖSSL, Martin (A), VLT Project Engineer
ERBEN, Thomas (D), EIS Programme

Chile

BENETTI, Stefano (I), Fellow
SHETRONE, Matthew (USA), Fellow

Local Staff

(1 November – 31 December 1997)

ARRIVALS

PINO, Flavia (RCH), Personnel Assistant
PARRA, Jose (RCH), Data Handling Administrator

DEPARTURES

CLAVIJO, Patricia (RCH), Bilingual Secretary Personnel
PILLEUX, Mauricio (RCH), Mechanical Engineer AIV
GARCIA, Enrique (RCH), Electronic Technician
LEON, Washington (RCH), Cleaner

List of Scientific Preprints

(October–November 1997)

1250. R.A. Méndez and W.F. van Altena: A New Optical Reddening Model for the Solar Neighborhood. Galactic Structure Through Low-Latitude Starcounts from the Guide Star Catalogue. *A&A*.
1251. D. Baade: Pulsations of OB-Stars: New Observations. Invited review, to appear in F.-L. Deubner et al. (eds.): Proc. IAU Symp. No. 185. *New eyes to see inside the sun and stars. Pushing the limits of helio- and asteroseismology with new observations from the ground and from space.*
1252. M. Le Louarn, R. Foy, N. Hubin, M. Tallon: Laser Guide Star for 3.6m and 8m Telescopes: Performances and Astrophysical Implications. *M.N.R.A.S.*
1253. P. Rosati, R. Della Ceca, C. Norman, R. Giacconi: The ROSAT Deep Cluster Survey: The X-ray Luminosity Function out to $z = 0.8$. *Ap.J. Letters*.
1254. L. Pulone, G. De Marchi, F. Paresce, F. Allard: The Lower Main Sequence of ω Cen from Deep HST NICMOS Near IR Observations. Submitted as a *Letter to the Astrophysical Journal*.

ESO Director General Receives Honoris Causa Degree

On October 24, 1997, in Rome, the ESO Director General, Riccardo Giacconi, was awarded an Honoris Causa Degree by the University of Rome "La Sapienza".

The EUROPEAN SOUTHERN OBSERVATORY (ESO), an international organisation for research in astronomy, is presently constructing the world's most powerful facility for optical astronomy. Located at Cerro Paranal in the Chilean Atacama desert – a unique astronomical site – the Very Large Telescope (VLT) and VLT Interferometer Array will lead ground-based astronomy in the 21st Century. When completed in 2003, the VLT will consist of four 8-m optical telescopes and a number of movable auxiliary telescopes allowing independent observations with each of the telescopes or combined observations with the entire array. With "First Light" for the first 8-m telescope in 1998 and the beginning of science operations in early 1999, ESO is offering a selection of demanding job opportunities in the development, commissioning and operation of the VLT.

20 Positions for Scientists and Engineers

• Data-Flow Operations Astronomers in Garching

Operations staff astronomers at the ESO Headquarters in Garching near Munich will be responsible for user support of visiting and service-mode astronomers, quality control of VLT data, long-term monitoring of VLT instruments, data distribution and support of archival research using the VLT Science Archive facility.

• Engineers in Garching and on Paranal

The positions available will be dedicated to the VLT telescopes, the associated instruments and observatory installations in the field of optics, detectors, infrared, mechanics and electronics. Software engineering positions are available to develop the VLT Data-Flow System for data analysis and programme management.

• VLT Astronomers on Paranal

Staff astronomers have specific responsibilities for the scientific operations at the observatory and are expected to devote up to 50 % of their time to dynamic and independent research programmes. Their responsibilities include the co-ordination of service-mode observations, introduction and support for visiting astronomers, night operations and data-flow operations in co-ordination with colleagues at the ESO Headquarters in Garching near Munich.

• Science Deputy in Chile

The Deputy of the Associate Director for Science is expected to devote up to 50 % of his/her time to science and will be responsible for the administration of the scientific activities of the ESO-Chile astronomers, the organisation of seminars and workshops, the selection of students and fellows in collaboration with the Directors of the Paranal and La Silla Observatories.

A most important task is to foster collaborative scientific projects with the Chilean astronomy community.

For all positions it is envisaged to offer initially a 3-year contract with the possibility of fixed-term extensions or indefinite contracts. Astronomers are appointed at the Assistant, Associate or Full Astronomer level. Associate and Full Astronomer positions will be considered for tenure after 5 years of service. Promotions will be based on scientific as well as functional achievements.

ESO offers attractive working conditions including relocation, and the remuneration will be commensurate with background, experience and family status. The organisation encourages both men and women with relevant qualifications to apply.

For full details of all vacancies and the application form, see <http://www.eso.org/gen-fac/adm/> – or contact

**ESO, Personnel Services,
Karl-Schwarzschild-Str. 2,
D-85748 Garching, Germany.**