

*Computers and Operations Research*, special issue on "Neural Networks".

819. T. Toniazio, M. Stiavelli and W.W. Zeilinger: Subsystems in Early-Type Galaxies: the Structure of NGC 6851. *Astronomy and Astrophysics*.
820. S.R. Zaggia et al.: High Resolution Kinematics of Galactic Globular Clusters. I. *Astronomy and Astrophysics*.
821. M.-H. Ulrich: The Nature of the Broad Line Region: Optical/UV/X-Ray Studies. To appear in the Proceedings of the 2nd Annual October Astrophysics Conference "Testing the AGN Paradigm", College Park, Maryland, Oct. 14-16, 1991.
822. A. Moneti: The Double Nature of RCW57/irs1. *Astron. and Astrophysics*.
823. J.R. Walsh, K. Ogura and Bo Reipurth: Two Remarkable Herbig-Haro Objects in the NGC 2264 Region. *Monthly Notices of the Royal Astron. Society*.

### Technical Preprints

37. G. Raffi: Control Software for the ESO VLT. Paper presented at the International Conference on Accelerator and Large Experimental Physics Control Systems (ICALEPS), held in Tsukuba, Japan, November 11-15, 1991.
38. M.A. Blessinger et al.: Low Noise 256 x 256 Element MWIR Infrared Focal Plane Array for Strategic and Scientific Applications. Paper presented at 1991 meeting of the IRIS Speciality Group on Infrared Detectors held at the National Institute of Standards and Technology, Boulder, Colorado, USA, August 13-16, 1991. Sponsored by ERIM, Information Analysis Center, Ann Harbor, Michigan, USA.
39. J.M. Beckers: Removing Perspective Elongation Effects in Laser Guide Stars and their Use in the ESO Very Large Telescope. Paper to be presented at the April 27-30, 1992 ESO Conference on "Progress in Telescope and Instrumentation Technologies" in Garching bei München, Germany. At the March 10-12, 1992 "Laser Guide Star Adaptive Optics" workshop in Albuquerque, NM, USA.
40. M. Faucherre and R. Maurer: On Metrology Systems for Delay Lines. H. Jörck et al.: The Design of Delay Lines for the VLT Interferometer. To be published in the Proc. of ESO Conf. on "High Resolution Imaging by Interferometry", Garching, Oct. 14-18, 1991.
41. P. Bourlon, T. Ducros and M. Faucherre: Results of Vibration Measurements on La Silla Telescopes. To be published in the Proc. of ESO Conf. on "High Resolution Imaging by Interferometry", Garching, Oct. 14-18, 1991.
42. C. Alexandrou, J.-A. Hertig and L. Zago: Wind Tunnel Tests on a Large Astronomical Telescope. Proceedings of the "Eighth International Conference on Wind Engineering (London, Canada). To appear in *Journal of Wind Engineering and Industrial Aerodynamics*. Ed.: A.G. Davenport, Boundary Layer Wind Tunnel Laboratory, The University of Western Ontario, Faculty of Engineering Science.

### VACANCY IN GARCHING

## STAFF ASTRONOMER – REF. ESD204

A position as astronomer will shortly become available in the Astronomy Group of the Science Division at ESO Headquarters in Garching near Munich, Germany.

The position will be open to an astronomer with a doctorate in astronomy or equivalent and several years of post-doctoral experience as well as an excellent record in independent astronomical research. A good knowledge of English is essential.

The successful applicant will be expected to carry out an active research programme related to observational astronomy, and to make significant contributions to the duties of the Astronomy Group.

Scientific interests in the group include large-scale structure; quasars; AGNs; dynamics and chemical evolution of galaxies; supernovae and supernova remnants; variability of early-type stars; and the diffuse interstellar medium. Responsibilities include the guidance of students and junior fellows, the workshop and symposium programme, assistance to visiting astronomers using ESO's data reduction and remote observing facilities, and interaction with other groups at ESO Headquarters in matters ranging from telescopes and instrumentation to computing and image processing.

This is a tenure track position, normally offered for an initial period of three years, renewable for a second period of three years. Tenure may be granted during the second term of the contract.

Applications – stating the above mentioned reference number – should be submitted by September 30, 1992. Application forms can be obtained from:

European Southern Observatory  
Personnel Administration and General Services  
Karl-Schwarzschild-Strasse 2  
D-8046 Garching bei München  
Germany

### New ESO Scientific Report on Star Forming Regions

ESO Scientific Report No. 11 "Low Mass Star Formation in Southern Molecular Clouds" appeared in January. The book contains 10 chapters, describing all the major southern molecular cloud complexes and their populations of low mass young stars. Each region is discussed by a specialist, and aims to outline our current knowledge about that star formation region, with very extensive references to the literature. The book is thus a tool that facilitates and encourages further studies of the rich southern star forming clouds. Researchers working in the field can request a copy free of charge as long as stock permits by writing to

ESO Information Service  
Karl-Schwarzschild-Str. 2  
D-8046 Garching bei München  
Germany

*Bo Reipurth, ESO*

### New Operating Manuals

**Operating Manual No. 10: IRSPEC**, eds. R. Gredel and A.F.M. Moorwood, Version No. 1, August 1991.

**Operating Manual No. 14: THE OPTICAL PHOTOMETER ON THE ESO 1 m TELESCOPE**, eds. H. Lindgren and F. Gutiérrez W., Version No. 1, August 1991.

### STAFF MOVEMENTS

#### Arrivals

##### Europe

GENDRON, Eric (F), Coopérant  
JØRGENSEN, Bruno (DK), Clerk (General Services)  
KINKEL, Ulrich (D), Student  
KOLB, Manfred (D), Student  
LAMBERT, David (USA), Guest Professor  
PATSI, Panagiotis (GR), Fellow  
RATIER, Guy (F), Associate  
SIEBENMORGEN, Ralf (D), Fellow  
STRIGL, Gisela (D), Laboratory Tech. (Photography)  
Young, Andrew (USA), Guest Professor

##### Chile

GREDEL, Eva (D), Student

#### Departures

##### Europe

MESSERLIAN, Suzanne (F), Secretary  
NEUMANN, Harry (D), Clerk (General Services)  
PASIAN, Fabio (I), Fellow  
ROCHE, Jocelyne (F), Programmer  
RUIZ LAPUENTE, Maria (E), Student  
STIAVELLI, Massimo (I) Fellow  
THEUNS, Tom (B), Student

### Correction

An error has been discovered in the article by K.S. de Boer et al. on "Trouble in the Magellanic Clouds!" (*The Messenger* No. 66, p. 14). The sentence starting in line 11 in the third column on page 14 should be: "This led to estimate the total number of H $\alpha$  emission-line objects in the SMC to about 4000..."