

## VACANCIES ON LA SILLA

### STAFF ASTRONOMER

A position of staff astronomer will become available on La Silla in the second half of 1991. This position is open to experienced astronomers with a Ph.D. degree or equivalent and several years of post-doctoral experience in the area of high dispersion spectroscopy.

The successful applicant will be in charge of the high dispersion spectrographs on La Silla. This includes

- introducing visitors to the use of the instrumentation,
- writing and updating User's manuals,
- regularly testing the performance of the equipment, and
- interacting with the technical people regarding modifications and up-dates of the instrumentation. As members of the Astronomy Support Department on La Silla, staff astronomers are required to spend at least 50 % of their time on support activities and the remainder conducting original research.

Staff posts are tenure track positions, normally offered for an initial period of 3 years that may be renewed for a second period of 3 years. Tenure may be granted during the second term of the staff contract.

The successful applicant will have an excellent opportunity of participating in the commissioning phases of the VLT.

Applications should be submitted to ESO Personnel Administration and General Services at ESO-Garching before **31 May 1991**.

### FELLOWSHIPS

Two post-doctoral fellowships are offered on La Silla starting during the second half of 1991. These positions are opened to young astronomers with an interest in Optical or Infrared observational work. The ESO fellowships are granted for a period of one year, normally renewed for a second and exceptionally for a third year.

Successful applicants will be required to spend 50 % of his/her time doing support activities and 50 % of the time on research.

Applicants normally should have a doctorate awarded in recent years. Applications should be submitted to ESO not later than 15 May 1991. Applicants will be notified by July 1991. The ESO Fellowship Application Form should be used and be accompanied by a list of publications. In addition, three letters of recommendation should be obtained from persons familiar with the scientific work of the applicant. These letters should reach ESO not later than **15 May 1991**.

The Astronomy Support Department on La Silla is composed of about 20 astronomers including staff, fellows, and students. The research interests of the members of the staff include low mass star formation, formation and evolution of massive stars and starbursts, post-AGB stellar evolution and planetary nebulae, supernovae, active nuclei, high redshift galaxies and galaxy clusters. Staff members and senior fellows act as co-supervisors for students of European universities that spend up to 2 years on La Silla working towards a doctoral dissertation.

Enquiries, requests for application forms and applications should be addressed to:  
European Southern Observatory  
Fellowship Programme  
Karl-Schwarzschild-Straße 2  
D-8046 GARCHING b. München  
Germany

*June:* Koornneef/Israel, Käufel/Stanghellini/Renzini, Gredel, Buonanno/Fusi Pecci/Corsi/Richer/Fahlmann, Tammann et al. (1-022-47K), Bertola/Bertin/Buson/Danziger/Dejonghe/Saglia/Sadler/Stiavelli/de Zeeuw/Zeilinger, Tammann et al. (1-022-47K), Richtler/Wagner/Held/Capacciolo, Tammann et al. (1-022-47K), Haefner/Simon/Pfeiffer/Sturm/Fiedler, Glass/Moorwood/Monet.

*July:* Schwarz/Sahai, Ferraro/Brocato/Molaro, Murphy/Verbunt/Rutten/van Paradijs/Cohn/Lugger/Seitzer/Callanan/Charles, Borkowski/Tsvetanov/Harrington, Surdej et al. (2-003-43K), Aurière/Lauzeral/Koch-Miranda.

*August:* Meylan/Djorgovski/Shaver/Weir, Giallongo/Buson/Cristiani/Trevese, Mellier/Fort/Soucaill/Ellis, Fort et al. (1-015-45K) Moeller/Jacobsen/Perryman, Capaccioli/Caon/Lorenz/Richter, Cappellaro/Capaccioli/Held/Ferrario, Boer/Motch/Pedersen.

*September:* Tarengi/D'Odorico/Wampler/Yoshii/Peterson/Silk, Wampler et al. (2-010-45K), Bergeron et al. (1-012-43K), Surdej et al. (2-003-43K), Smette/Surdej/Shaver, Christensen/Sommer-Larsen/Hawkins/Flynn, Leitherer/Drissen/Nota/Robert/Schmutz, Molano/Castelli/Bonifacio, Boisson/Joly/Moorwood/Oliva/Ward, Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, Ögelmann/Danziger/Gouiffes/Augusteijn/Carollo / Bouchet, Danziger / Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle, De Lapparent et al. (1-003-43K).

### 2.2-m Telescope

*April:* Blommaert/Habing/van der Veen, Infante/Melnick/Lucey/Terlevich/Lahav/Lynden-Bell, Surdej et al. (2-003-43K), Barucci/Fulchignoni/Harris/De Angelis/Foryta/Burchi/Dotto/Rotundi/Di Martino, Barbieri et al. (2-007-43K), Turatto et al. (4-004-45K), Zeilinger/Buson/Galletta/Saglia, MPI TIME.

*May:* MPI TIME.

*June:* Oosterloo/Prieur, Zeilinger/Bertola/Buson, Barucci/Fulchignoni/Harris/De Angelis/Foryta/Burchi/Dotto/Rotundi/Di Martino, Richtler/Kaluzny, Habing/Epchtein/Blommaert/van Langevelde/Le Berre/Winnberg/Lindqvist/van der Veen, Glass/Moorwood/Monet/Schwarz/Monet.

*July:* Habing/Epchtein/Blommaert/van Langevelde/Le Berre/Winnberg/Lindqvist/van der Veen, Barucci/Fulchignoni/Harris/De Angelis/Foryta/Burchi/Dotto/Rotundi/Di Martino, Surdej et al. (2-003-43K), Tosi/Focardi/Greggio/Marconi, Bertola et al. (1-008-43K), Rosa/Kinkel, De Jong/van der Kruit.

*August:* De Jong/van der Kruit, Giard/Bernard/Dennefeld/Verstraete, Barucci/Fulchignoni/Harris/De Angelis/Foryta/Burchi/Dotto/Rotundi/Di Martino, Infante/Melnick/Lucey/Terlevich/Lahav/Lynden-Bell, Surdej et al. (2-003-43K), Bender et al. (1-004-43K), Turatto et al. (4-004-45K), Barbieri et al. (2-007-43K), MPI TIME.

*September:* MPI TIME, Robert/Drissen/Leitherer/Nota/Schmutz, Mirabel/Lagage/Cesarsky, Habing et al. (7-008-47K).

### 1.5-m Spectrographic Telescope

*April:* Courvoisier/Bouchet/Blecha, Pagel/Terlevich/Diaz/Vilchez/Edmunds, Barbieri et al. (2-007-43K), Joergensen/Rasmussen/Franx, Caon/Capaccioli/Ferrario.

*May:* Krautter/Schmitt/Alcala/Henning, Dettmar/Krenz/Barteldrees, Bettoni/Bertola/Buson, Paturel et al. (1-017-45K), Hensberge et al. (5-005-45K), Mantegazza/Ferro.

*June:* Mantegazza/Ferro, Andreae/Drechsel, Goudfrooij/de Jong/Jørgensen/Noergaard-Nielsen/Hansen/van de Hoek, Courvoisier/Bouchet/Blecha, Acker/Cuisinier/Köppen/Stenholm/Terzan, Pottasch/Manchado/Garcia-Lario/Sahu K.C., Thé/de Winteler/Bibo, Sinachopoulos.

*July:* Sinachopoulos, Lorenz/Drechsel/Mayer, Rampazzo/Prugniel/Bica/Sulentic, de

Boer/Moehler, Habing et al. (5-007-45K), Lorenz/Drechsel/Mayer, Favata/Sciortino/Micela.

*August:* Luthardt/Bues, Cristiani/Giallongo/La Franca/Sanvico/Vagnetti, Barbieri et al. (2-007-43K), Iijima/Rosino, Gerbaldi et al. (5-004-43K), Ballereau/Chauville/Zorec.

*September:* Fouqué/Quintana/Proust, Bragaglia/Greggio/Renzini, Gerbaldi et al. (5-004-43K).

### 1.4-m CAT

*April:* Pols/van den Heuvel/Piters/Coté/Waters, Tagliaferri/Cutispoto, Giommi/Pallavicini/Pasquini, Pasquini, Gratton/Snedden, West/Sahade/Sulskij.