ESO Studentship Programme

The European Southern Observatory has positions available for 12 research students. Six of these positions are at the ESO HQ in Garching, the other six at the Observatory, La Silla, Chile. Since students normally stay approximately 2 years, this means that each year a total of 6 students (3 at each location) may be accepted. These are available to students enrolled in a Ph.D. (or equivalent) programme in the member states and exceptionally at a university in other countries.

Potential candidates or their supervisors may obtain detailed information about the programme by requesting the updated brochure and application forms from the Personnel Administration and General Services at ESO HQ, Karl-Schwarzschild-Str. 2, D-85748 Garching bei München, Germany.

The closing date for applications is October 15.

ESO Fellowships

The European Southern Observatory (ESO) will award up to six post-doctoral fellowships tenable at the ESO Headquarters in Garching near Munich. The tenure of the Fellowships can begin between January and October 1996. Fellows have the opportunity to participate in the ongoing activities at ESO Headquarters.

Inquiries, application forms and other information may be requested from:

European Southern Observatory Fellowship Programme
Karl-Schwarzschild-Str. 2
D-85748 Garching bei München
Germany

The deadline for applications is October 15, 1994.

Studentships at La Silla

Two studentships are offered at La Silla, one starting in January 1995, the other in April 1995.

Students in the ESO Research Student Programme work on an advanced research degree under the formal tutelage of their home university, but come to La Silla and work under the daily guidance of an ESO staff member. In addition to the opportunities offered by the infrastructure and guidance, ESO may also provide logistical and financial support if necessary.

Applicants must have a doctorate awarded in recent years. Applications should be submitted to ESO not later than September 15, 1994.

Applicants will be notified before November 1, 1994. The successful applicant 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 September 15, 1994. Applicants will be notified before December 1, 1994. The ESO Studentship Application Form must be used, and two letters of recommendation should be sent directly to ESO before the same deadline.

Philosophical candidates or their supervisors may obtain detailed information about the programme by requesting the ESO Student Brochure. Requests for the brochure and application forms and applications should be addressed to:

European Southern Observatory, Studentship Programme, Karl-Schwarzschild-Strasse 2, D-85748 Garching bei München, Germany

Fellowships at La Silla

A post-doctoral fellowship is offered on La Silla starting at the beginning of 1995. The position is open to young astronomers with an interest in observational astronomy. The ESO fellowships are granted for a period of one year, normally renewed for a second and exceptionally for a third year.

For the present fellowship, applicants with experience in infrared imaging are particularly encouraged to apply. However, all qualified applicants will be considered irrespective of their field of observational experience.

The research interests of the members of the staff in the Astronomy Support Department at La Silla include low-mass star formation, protoplanetary nebulae, chemistry of molecular clouds, high-resolution spectroscopy of cool stars, supernovae and their remnants, the distance scale, compact groups of galaxies, and observational cosmology. Staff members and senior fellows act as co-supervisors for students of European universities who spend up to 2 years on La Silla working towards a doctoral dissertation. The staff of the Astronomy Support Department consists of about 20 astronomers including staff, post-doctoral fellows, and students. Most of the ESO scientists are from the member states of ESO (Belgium, Denmark, Germany, France, Italy, the Netherlands, Sweden and Switzerland), but several are from other countries.

The research facilities at La Silla consist of 12 telescopes, including the SEST 15-m submillimetre antenna, and the 3.5-m New Technology Telescope. There are ample computing facilities including a number of networked SUN workstations.

Applications for both fellowships should be submitted to ESO not later than October 15, 1994. Applicants will be notified before December 1, 1994. The ESO Fellowship Application Form must be used, and two letters of recommendation should be sent directly to ESO before the same deadline.

Philosophical candidates or their supervisors may obtain detailed information about the programme by requesting the ESO Fellowship Brochure. Requests for the brochure and application forms and applications should be addressed to:

European Southern Observatory, Fellowship Programme, Karl-Schwarzschild-Strasse 2, D-85748 Garching bei München, Germany
Senior Visitor Programme at La Silla

The European Southern Observatory (ESO) invites experienced astronomers to spend periods ranging from a few months to one year at La Silla in Chile within the framework of the ESO Senior Visitor Programme. The research facilities at La Silla consist of 12 telescopes, including the SEST 15-m submillimetre antenna, and the 3.5-m New Technology Telescope. There are ample computing facilities with a number of networked SUN workstations which run, among other things, the MIDAS image-processing system.

The astronomy group at La Silla has 18 members divided into 6 staff astronomers, 6 post-doctoral fellows and 6 students. The research projects currently pursued by the astronomical staff include low-mass star formation (Herbig-Haro flows, young binaries, disk accretion), protoplanetary nebulae, supernovae and their remnants, chemistry of molecular clouds, high-resolution spectroscopy of cool stars, the distance scale, compact groups of galaxies, and observational cosmology.

The purpose of the Senior Visitor Programme is to provide stimulus to the ESO Astronomy Group in Chile. Thus, applicants are expected to have or to begin collaborations with one or more ESO astronomers during their visit. A series of lectures on the research field of the Senior Visitor is welcomed, although not mandatory. Except for the requirement to participate in the scientific life of the observatory staff, there are no constraints on the research activities of the Senior Visitor.

Most of the scientists in ESO come from the member states of ESO, but several are from other countries. The member states of ESO are: Belgium, Denmark, Germany, France, Italy, the Netherlands, Sweden and Switzerland. Applicants of all nationalities can apply. Senior Visiting Scientists will be paid an appropriate stipend. Applications may be submitted to ESO at any time. Applicants will be notified within two months. The ESO Senior Visitor Application Form should be used and be accompanied by a list of publications.

Enquiries, requests for application forms, and applications should be addressed to:

European Southern Observatory
Senior Visitor Programme
Karl-Schwarzschild-Strasse 2
D-85748 Garching bei München
Germany

New ESO Preprints

March–June 1994

Scientific Preprints


N.N. Chugai: Supernovae with Dense Circumstellar Winds. *Astrophysical Journal (Letters).*


995. A.A. Zijlstra et al.: Radio and Infrared Emission from a (WC)-Type Planetary Nebula in the LMC. *Astronomy and Astrophysics.*


1003. C.M. Carollo and I.J. Danziger: Dynamics and Stellar Populations in Early-Type Galaxies. *M.N.R.A.S.*