



ESO

European Organisation
for Astronomical
Research in the
Southern Hemisphere



ESO Fellowship Programme 2014/2015

The European Organisation for Astronomical Research in the Southern Hemisphere awards several postdoctoral Fellowships each year. The goal of these Fellowships is to offer outstanding early-career scientists the opportunity to further develop their independent research programmes in the exciting scientific environment of one of the world's foremost observatories.

ESO is the foremost intergovernmental astronomy organisation in Europe. Its approximately 110 staff astronomers, 40 Fellows and 50 PhD students conduct frontline research in fields ranging from exoplanets to cosmology, offering one of the most vibrant and stimulating scientific settings anywhere in the world.

Fellowships are available both at ESO's Headquarters in Garching near Munich, Germany, and at ESO's astronomy centre in Santiago, Chile.

The ESO Headquarters is situated in one of the most active research centres in Europe, boasting one of the highest concentrations of astronomers. ESO's offices are adjacent to the Max Planck Institutes for Astrophysics and for Extra-terrestrial Physics and only a few kilometers away from the Observatory of Munich's Ludwig-Maximilian University. Additionally, ESO participates in the "Universe" Excellence Cluster at the Garching Campus, which explores the origin and structure of the Universe, and is also associated with the Computational Center for Particle and Astrophysics (C2PAP). Consequently, ESO Fellows in Garching have many opportunities to interact and collaborate with astronomers at neighbouring institutes.

In Chile, Fellows have the opportunity to collaborate with the rapidly growing Chilean astronomical community as well as with astronomers at other international observatories located in Chile. The advent of the new ALMA building next to ESO's Santiago offices and the arrival of many astronomers and Fellows working on the ALMA project have further enhanced the stimulating scientific environment available to ESO Chile Fellows.

The Fellowships in Garching start with an initial contract of one year followed by a two-year extension (3 years total). In addition to developing their independent research programmes, ESO Garching Fellows will be expected to engage in some functional work, for up to 25% of their time, related to, e.g., instrumentation, VLTi, ALMA, E-ELT, science operations support either in Garching or at one of ESO's observatories in Chile, or public outreach. This provides the Fellows with the opportunity to get involved with ESO projects or operations, and to gather valuable insights and experience not available in any other setting.

The Fellowships in Chile are granted for one year initially, with annual extensions for three additional years (4 years total). During the first three years, the Fellows are assigned to one of the science operations groups of Paranal, ALMA or APEX, where they will contribute to the operations at a level of 80 nights per year.

During the fourth year several options are provided. The Fellow may be hosted by a Chilean institution where she/he will be eligible to apply for time on all telescopes in Chile through competition for Chilean observing time. Alternatively, the Fellow may choose to spend the fourth year either at ESO's astronomy centre in Santiago, at the ESO Headquarters in Garching or at any astronomy/astrophysics institute in an ESO Member State. There are no functional duties during the fourth year, except in the case that this year is spent at ESO/Chile where Fellows have to carry out functional work at a level of 25% of their time.

The programme is open to applicants who will have achieved their PhD in astronomy, physics or a related discipline before 1 November 2015. Early-career scientists from all astrophysical fields are welcome to apply. Scientific excellence is the primary selection criterion for all Fellowships.

We offer an attractive remuneration package including a competitive salary and allowances (tax-free), comprehensive social benefits, and we provide financial support for relocating families.

If you are interested in enhancing your early career through an ESO Fellowship, then please apply by completing the web application form available at <http://jobs.eso.org>.

Please include the following documents in your application:

- a cover letter;
- a curriculum vitae with a list of publications;
- a proposed research plan (maximum of two pages);
- a brief outline of your technical/observational experience (maximum of one page);
- the names and contact details of three persons familiar with your scientific work and willing to provide a recommendation letter. Referees will be automatically invited to submit a recommendation letter. However, applicants are strongly advised to trigger these invitations (using the web application form) well in advance of the application deadline.

The closing date for applications is 15 October 2014. Review of the application documents, including the recommendation letters, will begin immediately. Incomplete or late applications will not be considered.

Candidates will be notified of the results of the selection process between December 2014 and February 2015. Fellowships will begin in the second half of 2015.

Further Information

For more information about the Fellowship programme and ESO's astronomical research activities, please see: <http://www.eso.org/sci/activities/FeSt-overview/ESOfellowship.html>.

For a list of current ESO Staff and Fellows, and their research interests, please see: <http://www.eso.org/sci/activities/personnel.html>.

Details of the Terms of Service for Fellows, including details of remuneration are available at: <http://www.eso.org/public/employment/fellows.html>.

For any additional questions please contact:

For Garching: Eric Emsellem, email: eemselle@eso.org.

For Chile: Claudio De Figueiredo Melo, email: cmelo@eso.org.

Although recruitment preference will be given to nationals of ESO Member States (members are: Austria, Belgium, Brazil, the Czech Republic, Denmark, Finland, France, Germany, Italy, the Netherlands, Portugal, Spain, Sweden, Switzerland and United Kingdom) no nationality is in principle excluded.

The post is equally open to suitably qualified female and male applicants.

