

# ESO FELLOWSHIP PROGRAMME 2005/2006

The European Organisation for Astronomical Research in the Southern Hemisphere awards each year several postdoctoral fellowships to provide young scientists with opportunities and facilities to enhance their research programmes. The goal is to bring young astronomers into close contact with the instruments, activities, and people at one of the world's foremost observatories. For more information about ESO's astronomical research activities please consult <http://www.eso.org/science/>.

For the first time this year, four **dedicated ALMA fellowships** will be offered (two in Garching and two in Santiago) in addition to the several regular fellowships offered at both places. Also, dedicated VLTI fellowships are again available in Chile.

All fellows have ample opportunities for scientific collaborations within ESO both in Garching and Santiago. A list of current ESO staff and fellows and their research interests can be found at <http://www.eso.org/science/sci-pers.html> and <http://www.sc.eso.org/santiago/science/person.html>. Additionally, the ESO Headquarters in Munich, Germany host the Space Telescope European Coordinating Facility and are situated in the immediate neighbourhood of the Max-Planck Institutes for Astrophysics and for Extraterrestrial Physics and are only a few kilometres away from the Observatory of the Ludwig-Maximilian University. In Chile, fellows have the opportunity to collaborate with the rapidly expanding Chilean astronomical community in a growing partnership between ESO and the host country's academic community.

In **Garching**, fellows spend up to 25 % of their time on support or development activities in the area of e.g. instrumentation, operations support, archive/virtual observatory, VLTI, ALMA, public relations or science operations at the Observatory in Chile. Fellowships in Garching start with an initial contract of one year followed by a two-year extension.

In **Chile**, the fellowships are granted for one year initially with an extension of three additional years. During the first three years, the fellows are assigned to one of the operations groups on Paranal, La Silla or ALMA. Together with the astronomer in charge, they contribute to the operations at a level of 80 nights per year at the Observatory and 35 days per year at the Santiago Office. During the fourth year there is no functional work and several options are provided. The fellow may be hosted by a Chilean institution and will thus be eligible to apply for Chilean observing time on all telescopes in Chile. The other options are to spend the fourth year either at ESO's Astronomy Centre in Santiago, Chile, or the ESO Headquarters in Garching, or any institute of astronomy/astrophysics in an ESO member state.

We offer an attractive remuneration package including a competitive salary (tax-free), comprehensive social benefits, and provide financial support in relocating families. Furthermore, an expatriation allowance as well as some other allowances may be added. The Outline of the Terms of Service for Fellows provides some more details on employment conditions/benefits.

Candidates will be notified of the results of the selection process between December 2005 and February 2006. Fellowships begin between April and October of the year in which they are awarded. Selected fellows can join ESO only after having completed their doctorate.

**The closing date for applications is October 15, 2005.**

Please apply by filling the form available at [http://www.eso.org/gen-fac/adm/pers/vacant/fellowship05\\_form.pdf](http://www.eso.org/gen-fac/adm/pers/vacant/fellowship05_form.pdf) attaching to your application:

- a Curriculum Vitae including a publication list (the latter split into refereed and non-refereed articles, please)
- an outline of your current and past research, as well as of your research plans if you came to ESO (max. 2 pages)
- a brief outline of your technical/observational experience (max. 1 page)
- arranging for three letters of reference from persons familiar with your scientific work to be sent to ESO before the application deadline.

All documents should be typed and in English.

The application material has to be addressed to:

European Organisation for Astronomical Research in the Southern Hemisphere  
Fellowship Programme  
Karl-Schwarzschild-Straße 2  
85748 Garching bei München  
Germany  
[vacancy@eso.org](mailto:vacancy@eso.org)

Contact person: Markus Kissler-Patig, Tel. +49 89 320 06-244, Fax +49 89 320 06-497, e-mail: [mkissler@eso.org](mailto:mkissler@eso.org)

**All material must reach ESO by the deadline (October 15); the same applies to recommendation letters which should be sent directly by the reference person; applications arriving after the deadline or incomplete applications will not be considered!**