

Applications are invited for the position of an

## ESO REPRESENTATIVE IN CHILE -HEAD OF THE OFFICE FOR SCIENCE SANTIAGO-

CAREER PATH: VI / VII

**Assignment:** The ESO representative reports directly to the Director General for the ESO representation duties in Chile and regarding the science activities to the Head of Office for Science in Garching. The main task will be:

- The representation of ESO, continuation and further development of the positive working relationships with the Chilean governmental, regional and local authorities where ESO projects are located.
- The representation of ESO's political and legal interests in Chile regarding e.g. property, mining rights etc. in close coordination with the Head of Administration.
- Public relations, media support, exhibitions, educational programmes in close cooperation with the Directors of Observatories and the Education and Public Relation Department.
- The implementation of ESO science policies in Chile, to foster science across all ESO sites in Chile and to support efforts of ESO staff to conduct science at a high level.
- The pursuit and active support of the Fellowship, Studentship, Visitor programmes and the carrying out of scientific exchanges with the Chilean and European community through a strong and attractive Workshop Programme.

As a Senior Astronomer and member of the ESO Science Faculty the postholder is expected and encouraged to actively conduct astronomical research.

**Qualification and Experience:** Basic requirements for the position include:

- a university degree at PhD or equivalent level in physics or astronomy,
- substantial experience in management and leadership,
- an excellent record of achievements in one or more areas of modern astrophysics,
- excellent communication skills and a strong sense of team spirit as well as
- very good knowledge of written and spoken English and Spanish.

Experience in dealing, at a high level, with government departments and agencies, would be an advantage.

**Duty station:** Santiago, Chile.

**Starting date:** 1 January 2005

**Remuneration and Contract:** We offer an attractive remuneration package including a competitive salary (tax free), comprehensive pension scheme and medical, educational and other social benefits as well as financial help in relocating your family. The initial contract is for a period of three years with the possibility of a fixed-term extension or permanence. Serious consideration will be given to outstanding candidates willing to be seconded to ESO on extended leaves from their home institutions. The title or the grade may be subject to change according to qualification and the number of years of experience.

**Applications :** If you are interested in working in a stimulating international research environment and in areas of frontline science and technology, please send us your CV (in English) and the ESO Application Form **by 30 June 2004**.

All applications should include the names of four individuals willing to give professional references.

For further information, please contact Mr. Roland Block, Head of Personnel Department, Tel +49 89 320 06 589, e-mail: rblock@eso.org. You are also strongly encouraged to consult the ESO Home Page (<http://www.eso.org>)

Applications are invited for an Operations Staff Astronomer-Deputy Head of the Science Operations Department at the Very Large Telescope on Cerro Paranal near Antofagasta, Chile. This post is open to suitably qualified men and women:

## OPERATIONS STAFF ASTRONOMER

### DEPUTY HEAD OF THE PARANAL SCIENCE OPERATIONS DEPARTMENT

CAREER PATH: V

**Assignment:** The Science Operations Department at ESO's Paranal Observatory (PSO) is responsible for all aspects of the direct support of observing operations of the VLT, the VLTI, and in the future, of the VST and VISTA, so as to optimize the scientific output of this world leading astronomical facility. The department currently comprises 26 operations staff astronomers, 14 telescope instrument operators, and 5 data handling administrators, as well as, for the functional part of their assignment, 15 postdoctoral fellows of ESO's Office for Science. Further recruitment is planned once all auxiliary telescopes of the VLTI, VST and VISTA become operational.

The successful candidate will provide direct support to observing operations in both visitor and service mode: short-term (flexible) scheduling of queue observations, calibration and monitoring of the instruments, and assessment of the scientific quality of the astronomical data. As deputy he/she will assist the Head of PSO in the execution of his tasks in particular in the definition and implementation of the operations procedures and policies, organization of the support work, staff management and performance evaluation, interface with other groups across ESO involved in VLT operations support, and reporting activities.

As a members of the ESO Science Faculty, with an appointment at the level of Assistant or Associate Astronomer, he/she will be expected and encouraged to actively conduct astronomical research up to 50% of the time. 105 nights per year are spent at the observatory carrying out functional duties, usually in a shift of 8 days on Paranal, 6 days off. The rest of the time is spent in the Santiago office. Financial support for scientific trips and stays at other institutions, including in Europe, is foreseen.

**Education:** Ph.D. in Astronomy, Physics or equivalent; at least 5 years of postdoctoral experience.

**Experience and knowledge:** The ideal candidate has substantial observing experience (at least 8 years), excellent observation oriented research records, is familiar with a broad range of instrumental, data analysis, archiving and observational techniques, and is conversant with at least one major data reduction package such as MIDAS, iraf or IDL. Of special value would be experience in telescope and instrument operations and a record of instrumental experience, such as the participation in the design, construction or calibration of existing instruments. Experience in the management of projects and leadership as well as excellent command of the English language, a working knowledge of Spanish or a willingness to learn, and a strong sense of team spirit are essential.

**Duty station:** Paranal and Santiago, Chile

**Starting date:** As soon as possible

**Contract:** The initial contract is for a period of three years with the possibility of a fixed-term extension or permanence. Promotions will be based on scientific as well as functional achievements.

**Remuneration:** 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. Either the title or the grade may be subject to change according to education and the number of years of experience.

**Applications** consisting of your CV (in English language) and the ESO Application Form (to be obtained from the ESO Home Page at <http://www.eso.org>) and four letters of reference.

**should be submitted by 7 May 2004.**

For further information, please consult the ESO Home Page or contact Mrs. Nathalie Kastelyn.