

## Telescope Software Scientist (CTR 118)

08.06.1995  
Grade 8

La Silla Observatory, Chile.

This post is open to suitably qualified men and women.

**Education:** University degree or equivalent in computer science or related field.

**Experience and knowledge:** Experience in UNIX systems and software. A knowledge of C and Fortran is essential, and the candidate should have some experience with workstations, PCs and Macintosh computers. Some knowledge of VME or equivalent data bus systems would be an advantage. Fluency in English is required.

**Assignment:** The successful candidate will be part of the team of ten scientists and engineers responsible for the day-to-day operation and continuing development of the Swedish-ESO (Sub) Millimetre Telescope (SEST) and its operating system at the La Silla Observatory in Chile. The schedule of work requires that he/she be capable of working both independently and in a group.

**Duty station:** La Silla, Chile.

**Starting date:** As soon as possible.

**Remuneration:** The remuneration for this post will be commensurate with the background, experience and family status. The basic monthly salary (tax-free) will not be less than DM 6.072,-. Furthermore, an expatriation allowance of either 30–35% (single) or 40–45% (head of family) of the basic salary as well as some other allowances may be added.

Applications should be submitted **before July 20, 1995**.

Application forms may be obtained from ESO, Personnel Services, Karl-Schwarzschild-Str. 2, D-85748 Garching bei München, Germany.

## ESO Fellowships in Chile 1996/97

The European Southern Observatory (ESO) intends to award one or more postdoctoral fellowships tenable at ESO's Astronomy Centre in Santiago, Chile.

The main areas of activity of ESO in Chile are:

- Research in observational and theoretical astrophysics;
- Operating the La Silla Observatory;
- Building the VLT, consisting of four 8-m telescopes, at Paranal.

Fellows will spend most of their time at ESO's centre in Santiago, but will regularly visit the La Silla Observatory, where they will take part in supporting visiting astronomers and maintaining the instrumentation. Fellows will normally spend up to 50% of their time in support work, and the remainder doing their personal research. The fellowship programme in Chile offers a unique opportunity to learn and to participate in the process of observational astronomy while pursuing a research programme with state-of-the-art facilities.

The La Silla Observatory has eight telescopes in the range 0.9 m to 3.6 m, as well as the 1-m Schmidt, the 15-m SEST millimetre radio telescope and smaller instruments. ESO's Institute of Astronomy in Santiago offers computational facilities, a library, as well as the stimulation of colleagues from ESO and the local Chilean astronomy community.

Applicants should have a recent doctorate. The basic monthly salary will be not less than DM 5526 to which is added an expatriation allowance of up to 40%. The fellowships are granted for one year with the expectation of a renewal for a second year and exceptionally a third year. Fellowships begin between April and October of the year in which they are awarded. Applications should be submitted to ESO **not later than October 15, 1995**. Applicants will be notified in December 1995. The ESO Fellowship Application Form should be used. The applicant should arrange for three letters of recommendation from persons familiar with the scientific work of the applicant to be sent directly to ESO. These letters should reach ESO **not later than October 15, 1995**.

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

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

## ESO Fellowships in Garching 1996/97

The European Southern Observatory (ESO) intends to award up to six post-doctoral fellowships tenable at the ESO Headquarters, located in Garching near Munich.

The main areas of activity at the Garching Headquarters are:

- Research in observational and theoretical astrophysics;
- Managing and building the Very Large Telescope (VLT);
- Development of instruments for current ESO telescopes and for the VLT;
- Management, calibration, analysis and archival of astronomical data for the current ESO telescopes and the VLT;
- Fostering co-operation in astronomy and astrophysics within Europe.

Fellows normally participate in one or more of the above activities. There is also the possibility of participating in the activities of the Space Telescope European Coordinating Facility (ST-ECF), which is located in the ESO Headquarters building.

In addition to personal research, Fellows will spend up to 25 % of their time in support or development activities related to the main areas of activity at the ESO Headquarters. This functional work will normally include a few short-term visits per year to Chile (La Silla and Vitacura).

ESO facilities include the La Silla Observatory in Chile with its eight telescopes in the range 0.9 m to 3.6 m, as well as the 15-m SEST millimetre radio telescope, and smaller instruments. In Garching, extensive measuring, image processing and computing facilities are available. There are several Max-Planck Institutes and the University Observatory in the Munich area with major programmes in astronomy and astrophysics and with which joint programmes can be conducted.

Applicants should have a recent doctorate. The basic monthly salary will be not less than DM 5526 to which is added an expatriation allowance of 9–12% if applicable. The fellowships are granted for one year with the expectation of a renewal for a second year. Applications should be submitted to ESO **not later than October 15, 1995**. Fellowships begin between April and October of the year in which they are awarded. Applicants will be notified in December 1995 or soon thereafter. The ESO Fellowship Application form should be used. The applicant should arrange for three letters of recommendation from persons familiar with the scientific work of the applicant, to be sent directly to ESO. These letters should reach ESO **not later than October 15, 1995**.

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

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