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VACANCY

The Institut Laue-Langevin (ILL), situated in Grenoble, France, and founded by France, Germany and the United Kingdom, is Europe's leading research facility for fundamental research using neutrons. The ILL operates the brightest neutron source in the world, reliably delivering intense neutron beams to 40 unique scientific instruments. The Institute welcomes 1700 visiting scientists per year to carry out world-class research in solid-state physics, crystallography, soft matter, biology, chemistry and fundamental physics. The "Projects and Techniques Division", which is responsible for the development of the ILL's instruments and for technical support, currently has a vacancy :

MECHANICAL TECHNICIAN (m/f)

Duties:

You will work mainly in the High-Pressure laboratory, where you will be in charge of certain items of equipment. You will be responsible for maintaining and repairing this equipment and for producing urgently needed parts on demand.

To ensure that experiments are conducted smoothly, you will be expected to work closely with technicians and in-house and visiting scientists working on the instruments (installation, start-up and repair of equipment).

In certain cases, you will be involved in the development of new equipment, as well as in the design and production of mechanical parts, which must be compliant with current regulations.

In addition, you will be required to write technical documents (user guides, etc.).

Qualifications and experience:

NVQ Level 4 (e.g. BTEC HND) or equivalent in mechanical engineering or materials science, with several years' work experience. You must have the following skills:

- sound basic knowledge of materials science and fluid mechanics, with a real desire to acquire more specialised training,
- experience in the high pressure field (0 – 100kbar),
- mechanical design skills and familiarity with the use of machine tools and CAD software (Solid Works, Autocad),
- some knowledge of applied physics,
- good organisational skills, a sense of teamwork, respect for safety standards, excellent interpersonal skills with a service-oriented approach.

Language skills:

As an international research centre, we are particularly keen to ensure that we also attract applicants from outside France. You must have a sound knowledge of English and be willing to learn French (a language course will be paid for by the ILL). Knowledge of German would be an advantage.

Notes:

This post is permanent.

Occasional periods of on-call duty

How to apply:

Please submit your application on line, no later than **30.04.2007**, via our website:
<http://www.ill.fr/vacancies.html> (Vacancy reference: 07/10)

In line with our policy of Equal Opportunities, we encourage both men and women with relevant qualifications to apply.