

The Institut Laue-Langevin (ILL), situated in Grenoble, France, 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 more than 2000 visiting scientists per year to carry out world-class research in solid-state physics, crystallography, soft matter, biology, chemistry and fundamental physics. Funded primarily by its three founder members: France, Germany and the United Kingdom, the ILL has also signed scientific collaboration agreements with 12 other countries. The Science Division currently has a vacancy :

Research Scientist (Diffuse and inelastic neutron scattering) - m/f

Duties:

Working within the Time-Of-Flight and High-Resolution (TOF/HR) Group, you will be co-responsible for the polarized neutron spectrometer D7 participating both in its operation and technical development. In addition to carrying out your own active research programme, you will be responsible for assisting ILL's visiting scientists with their experiments. Duties will also include the promotion of scientific partnerships in your field of research.

The instrument D7 is strongly anchored in magnetism. While wishing to preserve this focus we aspire to open D7 up to new communities and would consider applicants with research backgrounds in other fields, such as soft matter or materials science.

Qualifications and experience:

Ph.D. in the physical sciences or chemistry.

We are particularly interested in highly motivated candidates with knowledge of neutron scattering techniques.

A strong background in instrumentation, in particular neutron polarization analysis, is an asset.

The post represents an excellent opportunity for young postdoctoral scientists to develop expertise, broaden experience and interact with leading scientists from around the world. Applications from more experienced scientists able to obtain a secondment period from their home institution will also be considered.

NB: A list of publications should be enclosed with the applications.

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.

Benefits:

Generous company benefits (adaptation and expatriation allowance), relocation assistance and language courses may be offered.

Notes:

Fixed-term contract :60 months

Further information can be obtained by contacting the Time-of-Flight and High-Resolution Group Leader: Prof. H. Schober, Tel. +33 (0)4 76 20 72 06; e-mail: schober@ill.fr

For more information on our conditions of employment, [click here](#).

How to apply:

Click on "Apply Online" to fill in the form.

Closing date: 12/09/2011

Vacancy reference: 11/17

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