

EXPANDING THE BOUNDARIES OF MODERN SCIENCE



NEUTRONS
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in neutron science & technology

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. Within the framework of the 'Large-scale instruments Characterization program' of the 'IRT NanoElec' -a Grenoble-based research and technology initiative- the ILL Business Development Office currently has a vacancy for a:

RESEARCH ENGINEER IN PHYSICS (M/F)

Duties:

Your role will be to carry out scientific and technical activities with the support of scientific staff from the ILL, the ESRF and the CEA, and in collaboration with research engineers from the IRT NanoElec's industrial partners (in particular, ST and Soitec). You will perform the following duties:

- Analyse the characterization requirements of industrial partners and examine what solutions the ILL, the ESRF and the CEA's nanocharacterization platform PFNC can offer to satisfy these requirements; define the experiments to be performed on the ILL, ESRF and PFNC instruments.
- Participate in the definition and installation of dedicated infrastructure for the preparation of industrial and technological experiments at the ILL and ESRF; prepare experiments and samples.
- Conduct experiments at the ILL and ESRF, analyse and interpret the results.

Qualifications and experience:

You hold a PhD in physics and have 2 to 3 years' professional experience.

You have a keen interest in technological research in the field of micro- and nanoelectronics; experience in diffraction techniques (using x-rays or neutrons) is a strong asset.

You are a resourceful and dynamic team player and are capable of taking initiatives

Language skills:

As an international research centre we are particularly keen to ensure that we attract applicants from outside France. You must have a sound knowledge of English. Knowledge of French is desirable; knowledge of German would be an advantage.

Notes:

18-month fixed-term contract to be filled immediately.

Benefits:

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

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closing date for submissions: **31/03/2013** Ref. #: **13/02**

We care about Equal Opportunity and Diversity; therefore we encourage both men and women with relevant qualifications to apply.

Further information on www.ill.eu