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VACANCY

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, and welcomes over 2000 visits of scientists per year to carry out world-class research in a wide variety of scientific fields. Funded primarily by its three founder members: France, Germany and the United Kingdom, the ILL has also signed scientific collaboration agreements with 10 other countries. The Science Division currently have a vacancy for a:

Research Scientist (M/F)

Within the Spectroscopy Group, the instrument IN16B is one of the world's leading back scattering spectrometer. Equipped with various options (phase transformer, different analyser sets, Time of Flight inverse spectrometer, BATS) it has always been a particularly creative development site for the technique as well as an outstanding source of publication record on various fields. It is ideally suited to high-resolution neutron spectroscopy in the 0.1μeV – 200-μeV energy range. The instrument is also very much appreciated for its ability to receive specialised sample environment for combined methods. We are constantly aiming to push its efficiency and to exploit its potentials further.

Duties:
Working on IN16B, your main missions will be to:

- Take over the task be to the first instrument responsible
- Provide the instrument users with support for performing their experiments and help them to collect the relevant data for their scientific problem under optimal conditions
- Initiate development and maintenance
- Develop your own scientific work and establish strong collaborations
- Promote neutron science, with particular emphasis to ILL, within the scientific community and the general public.

Qualifications and experience:
We are looking for motivated scientists with:

- A Ph.D. in physics, chemistry, or equivalent qualification.
- Experience in neutron scattering, in particular in quasi-elastic neutron scattering/back scattering.
- A research program or interest that fits with the type of research done with QENS.
- Practical skills in instrumentation and software development.

The post represents an excellent opportunity to develop expertise, broaden experience and interact with leading scientists from around the world. It gives also the responsibility to maintain IN16B's excellence in its class of instruments.

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 a permanent position.
Medical fitness for work under ionising radiation is required.
Further information can be obtained by contacting the head of the Spectroscopy Group: Dr. Bela FARAGO, e-mail: farago@ill.eu ***(please do not send your application to this address)***.

Benefits: Generous company benefits (expatriation allowance), relocation assistance and language courses may be offered (for more information, please consult our employment conditions).

How to apply:
Please submit your application on line with a list of publications and the **names of 3 references, including one from your present work place**, no later than **04.11.2018**, via our website: www.ill.eu/careers (Vacancy reference: **18/49**). **The interviews will take place on Monday 19 November 2018.**

We are committed to equal opportunity and diversity; we therefore encourage anyone with relevant qualifications to apply
.