



INSTITUT MAX VON LAUE
PAUL LANGEVIN



The Institut Laue-Langevin ([ILL](#)), situated in Grenoble, France, is Europe's leading research facility for scientific research using neutrons. We welcome over 2000 visits of scientists per year to carry out worldclass research. Are you interested in joining our international institute? We currently have a vacancy in the Science Division for a :

Research Scientist (M/F) in Condensed Matter

Duties:

Within the Spectroscopy Group, IN20 is the thermal three-axis instrument with the highest polarized neutron flux world-wide. Equipped with various polarization analysis options, it is ideally suited to study magnetic excitations in the 2-90 meV range as well as their interplay with the lattice of the single crystal. The instrument is very much appreciated for its ability to detect small magnetic signals. We are constantly aiming to push its efficiency and to exploit its unique potential further.

Working on IN20, your main missions will be to:

- Co-manage the instrument,
- 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

- Ph.D. in condensed matter physics, or equivalent qualification.
- Experience in neutron scattering, knowledge in magnetism and crystallography, and an interest in the collective dynamics of magnetic materials.
- Practical skills in instrumentation and software development.
- Some experience with polarized neutrons is desirable.

The post represents an excellent opportunity for a young postdoctoral scientist to develop expertise, broaden experience and interact with leading scientists from around the world.



INSTITUT MAX VON LAUE
PAUL LANGEVIN



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 Fixed-term contract of 5 years.

Further information can be obtained by contacting the head of the Spectroscopy Group: Dr. Bela FARAGO, e-mail: farago@ill.fr or via www.ill.eu (please do not send your application to this address).

The application should be submitted in English.

The interviews will take place on 30/09 and 04/10/2019

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 08/09/2019,

[via our website:](#)
(vacancy reference : 19/30).

Confirmar candidatura a: eures.franciasuizabeneLux@sepe.es

indicando la referencia: **ILL 19/30**

[Ayudas a la movilidad](#)

