



VACANCY

INSTITUT MAX VON LAUE – PAUL LANGEVIN

The Institut Laue-Langevin (ILL), situated in Grenoble, France, is an international centre for scientific research. It is Europe's leading facility for neutron research and receives over 2000 visiting scientists per year, attracted to the centre to carry out world-class research.

Is this new challenge in an international research centre for you? Are you interested in technical support and development in a scientific environment?

Our Projects and Techniques Division is now looking for an:

Engineer (M/F)

Duties:

You will participate in phase 2 of the upgrade programme Endurance, which includes the design and manufacture of 2 new detectors for the ILL's small-angle scattering instruments D11 and D22. These detectors are based on position-sensitive ^3He proportional counters mounted side by side with a precision of 0.2 mm to cover a large sensitive area with minimum dead zones between the tubes. There will be 250 of these counters for D11, and 100 for D22. Duties: You will work in the Neutron Detector Service in close collaboration with the mechanical engineer of the group. You will:

- Manage the 2 detector sub-projects in parallel, define and organise the different tasks, and report regularly on your progress to the project manager,
- Interact with the other ILL services, in particular the electronics service and the mechanical service, in order to ensure good communication,
- Define, in collaboration with the mechanical engineer and with the instrument scientists, the technical solution for the mechanical assembly of the counters and of their associated electronics,
- Coordinate the assembling of the detectors and organise their testing with a neutron source and on a neutron beam line,
- Perform commissioning and calibration on the instruments.

Qualifications and experience:

- Master's degree in engineering (MEng) or equivalent, or PhD
- Project management and communication skills
- Sound knowledge of radiation detectors
- Some experience in mechanical engineering (design and assembly)
- Good knowledge of experimental setting up, data acquisition systems, and data analysis.

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: 36-month “specified-purpose” Fixed-Term Contract. Medical fitness for work under ionising radiation is required. Interviews will be held at the beginning of September.

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 the names of two referees (including one from your present work place), no later than **12.08.2018**, via our website: www.ill.eu/careers (vacancy reference: **18/26**). Interviews should be organised beginning of September.

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

How to apply:

Please submit your application before **12.08.2018** via our website:

<https://www.ill.eu/en/careers/>

(vacancy Ref.: **18/26**).

Remitir copia de la candidatura a: eures.franciasuizabenelez@sepe.es

indicando la referencia ILL 18/26

Ayudas a la movilidad EURES

