

## VACANCY

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. The Reactor Division, whose role is to produce the neutrons needed to supply the ILL's scientific instruments, is responsible for operating all the technical installations associated with the reactor. The Reactor Division currently has a vacancy:

### Nuclear Dependability Engineer

#### Duties:

You will work within the ILL's Electricity and Electronics Service (SEE) in close collaboration with the service's technicians and engineers and the nuclear safety unit. The SEE is responsible for maintaining the ILL reactor's electrical supply, automation, instrumentation and control systems. Your main duties will involve:

- Carrying out risk analyses on the ILL's maintenance and periodic testing procedures,
- Specifying the operational requirements set out in the Safety analysis report (*Rapport de Sûreté*),
- Preparing the requests for modification to be submitted to the ASN, on the basis of the design specifications and construction notes,
- Taking part in the groups working in-house on the requests for modification,
- Drawing up with the safety engineers, at the start of various projects, the safety life cycle nuclear safety sheets for the instrumentation and control systems.

#### Qualifications and experience:

- You should have a Master's degree (or equivalent), specialising in dependability management,
- You should have some initial experience in this area and be familiar with international standards IEC 61513, IEC 61508, SIL, and other safety classifications,
- You should have a strong interest in the nuclear sector and in integrated quality management systems,
- You must be methodical, and meticulous in your work, with a service-oriented attitude. You are used to working alone or in a team, and to complying with regulatory requirements.

#### 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.

**Post based in GRENOBLE, France, and subject to administrative screening.**

**Medical fitness for work under ionising radiation is required.**

**You may be mobilised in the event of a crisis.**

#### 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 online, no later than **29.11.2020**, via our website: [www.ill.eu/careers](http://www.ill.eu/careers) (vacancy reference: **20/55**).

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