



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 visiting 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.

Are you interested in joining our international institute? We currently have a vacancy for a:

## ELECTRONICS and INSTRUMENTATION TECHNICIAN (m/f)

### Duties:

You will join the team of engineers and technicians responsible for the maintenance and development of the electronic hardware in use on the various instruments of the ILL.

As a team member, you will:

- Be responsible for the maintenance of existing equipment and the production of newly developed electronic modules.
- Be in charge of the routing of electronic cards as well as for the follow-up of the manufacturing process.
- Trace the obsolescence of electronic components currently in use to ensure their replacement, where appropriate, before they are no longer available.
- Set up and perform a number of tests to qualify the electronic modules before they are installed on the instruments, interpreting the test results and producing the corresponding reports.

### Qualifications and experience

- NVQ Level 4 or equivalent qualification (e.g. BTEC HNC/HND) in instrumentation or electronics.
- Experience with analog circuits and signals and with test bench software, such as Labview or similar.
- Experience of VHDL and FPGA programming would be highly appreciated.
- Knowledge of particle detectors and analog signal treatment would be a bonus.



### **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.**

### **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,  
no later than 03/06/2018, via our website:**

**<http://www.ill.eu/careers>  
(vacancy reference : 18/17).**

Remitir Copia de la candidatura a: [eures.franciasuizabeneLux@sepe.es](mailto:eures.franciasuizabeneLux@sepe.es)

indicando la referencia: **ILL 18/17**

*Ayudas a la movilidad*

