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**Vacancy**

**Instrumentation Technician**

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 hosts over 2000 visits by scientists per year, who come to carry out world-class research.
As part of the ILL's Neutron Optics Service (SON), you will join the "Helium 3" group, which specialises in the production of neutron spin filters, based on polarised ³He gas, that are essential for the ILL's scientific experiments.

**Yours Tasks**

**Main duty:**

• Manage the supply and installation of ³He filters on the neutron experiments.

**Maintenance and development:**

• Maintain the laboratory equipment, in particular the machine for producing polarised gas
• Contribute to the development and optimisation of this equipment.

**Improvements to systems:**

• Take an active role in the improvement of new systems for polarisation analysis
• Respond to the growing needs of the ILL's instruments in the area of polarised neutrons.

**Qualifications / Experience:**

• Level 4/5 qualification (NVQ, BTEC, HND or equivalent) in instrumentation or equivalent.

• Significant experience in instrumentation and/or applied physics.

• Excellent skills in setting up physical measurement protocols and interpreting the results.

• Ability to draft technical reports on the results obtained.

• Good knowledge of vacuum, optical and magnetism techniques is highly desirable.

• Skills in mechanics would be an additional advantage.

• You must have a methodical and meticulous approach to you work with a keen eye for the quality of the work carried out.

• You have an excellent service-oriented attitude and are able to respond to the needs of users and scientific teams.

• You enjoy teamwork but are also able to carry out your duties independently.

Internal training will be provided for the techniques necessary to produce and use ³He filters.

**We offer:**

* **Quality of life** A hub for research and technology, the city of Grenoble is ideally located in the heart of the French Alps (just 3 hours from Paris/Provence by train, 1 hour from Lyon international airport and 1 ½ hours from Geneva). It is important for us that our staff achieve a healthy work-life balance. We therefore offer home working (under certain conditions), generous annual paid leave entitlement and a host of other benefits that you will discover when you arrive!
* **Prospects** We guarantee you a **Indefinite-term contract** in a multicultural scientific environment.
* **Benefits** - We offer generous social benefits (expatriation allowance, excellent health cover), moving and relocation assistance (under certain conditions) and an annual productivity bonus. We also offer language courses for you and your partner and subsidies for the use of public transport and the staff canteen, as well as for holidays and a variety of cultural and sports activities.

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| **How to apply:****Please submit your application on line no later 25.05.2025, via our website**  |  |
| [**www.ill.eu/careers**](http://www.ill.eu/careers) **(vacancy reference : 25/27).**Please note that all applicants are subject to administrative screening (background checks). For this post, medical fitness, including for working under ionising radiation, is required. We are committed to equal opportunities and diversity and therefore welcome applications from all suitably qualified candidates. **Please note that the interviews will take place during the week of June 9.** **(vacancy reference : 25/27).****https://www.ill-recruits.eu/index\_extern.php?sid=1982&intern=0** |
| **Con copia de la candidatura a: eures.franciasuizabenelux@sepe.es****Indicando la referencia ILL 25/27** |

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