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## Vacancy

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 every year hosts over 2000 visits by scientists, who come to carry out world-class research in a wide variety of scientific fields.

### Nuclear physicist

#### Yours Tasks

Working within the Nuclear and Particle Physics (NPP) group, you will:

- Act as co-responsible for the FIPPS instrument (a high-efficiency HPGe array at a high-flux thermal neutron beam)
- Support visiting scientists with their experiments and act as Local Contact
- Pursue your personal research programme in nuclear physics
- Establish new scientific collaborations for nuclear physics instruments by promoting neutron-induced reactions and nuclear spectroscopy at ILL
- Contribute to new developments of nuclear physics instrumentation in the NPP group
- Contribute to the processing and interpretation of experimental data
- Supervise interns and Master's and PhD students in nuclear physics working on ILL's instruments.

You will receive training primarily on the gamma-ray spectroscopy programme at FIPPS but also at all the other nuclear physics instruments at the ILL, allowing you to familiarise yourself fully with the scientific possibilities of the entire instrument suite for experiments involving fission and other neutron-induced reactions.

#### Qualifications / Experience:

You have a PhD in physics with a strong knowledge of experimental nuclear physics and at least one year of post-doc experience in a research institution. The post represents an excellent opportunity for a postdoctoral scientist to develop expertise, broaden his/her experience and interact with leading scientists from around the world. Applications from more experienced scientists able to obtain a secondment period from their home institution will also be considered.

## 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 **5-year fixed-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.

## How to apply:

Please submit your application on line no later 22/12/2024, via our website :

[www.ill.eu/careers](http://www.ill.eu/careers)

(vacancy reference : 24/51).

[https://www.ill-recruits.eu/index\\_extern.php?sid=1715&intern=0](https://www.ill-recruits.eu/index_extern.php?sid=1715&intern=0)

Con copia de la candidatura a: [eures.franciasuizabenelux@sepe.es](mailto:eures.franciasuizabenelux@sepe.es)

Indicando la referencia ILL 24/51

**Ayudas a la movilidad EURES**

