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**Vacancy**

**NeXT PorTo Instrument Responsible**

**Yours Tasks**

Working within the LSS group in the field of Neutron Imaging, in addition to carrying out your own active

research programme, you will be in charge of:

• Co-developing the portable imaging station PorTo, and attracting new users to employ its capabilities,

• Helping to manage MoTo/NeXT, participating both in their day-to-day running and technical development,

• Providing support to users for scientific experiments as Local Contact for PorTo, MoTo and NeXT and helping them collect data under optimal conditions,

• Promoting scientific partnerships in your field of research,

• Participating in the longer term development of sample environment and data analysis,

• Working within the neutron imaging team and with scientists and other ILL staff members to develop a strong scientific programme using neutron imaging.

**Qualifications / Experience:**

PhD or equivalent in Physics, Metallurgical Engineering, Materials Science and Engineering or similar background will be considered.

• You are competent in neutron and/or x-ray imaging and are interested in image processing/coding and have a propensity for experimentation, including in-situ and operando testing in the field of materials sciences.

• You have strong written and oral communication skills and the desire to work in a team environment on scientifically challenging problems.

• You have experience in cold/thermal neutron or x-ray technique development.

This position represents an excellent opportunity for young postdoctoral scientists to develop expertise, broaden their 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 a **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.

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| **How to apply:**  **Please submit your application on line no later 02.02.2025, via our website :** |  |
| [**www.ill.eu/careers**](http://www.ill.eu/careers)  **(vacancy reference : 25/01).** |
| **Con copia de la candidatura a: eures.franciasuizabenelux@sepe.es**  **Indicando la referencia ILL 25/01** |

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