



Particle Physicist- PF2 co-responsible (F/M)

5 years fixed-term contract

Your duties

Working within the Nuclear and Particle Physics group of the ILL at the Ultra-Cold and Very Cold Neutron Sources you will:

- Act as co-responsible at PF2 - the world's most intense user source for Ultra-cold and very cold neutrons
- Support scientific users in their experiments in particle, nuclear and fundamental physics and act as local contact
- Pursue your personal research program
- Establish new scientific collaborations for instruments of the NPP group by promoting Ultra-cold neutron science at the ILL
- Contribute to new developments of instrumentation in the NPP-group
- Contribute to the processing and interpretation of experimental data
- Supervise master and PhD students within the NPP.

You will be trained at all Ultra-Cold Neutron and Very Cold Neutron sources of the ILL to get full awareness of the scientific possibilities of the whole instrumental suite.

Your profile

- PhD in physics with a strong knowledge of experimental particle physics, neutron optics or quantum mechanical phenomena.
- Having some professional experience as a Post-Doc in a research institution is of advantage.
- You have strong organizational and communication skills and you enjoy working in an international team.

The post represents an excellent opportunity for a postdoctoral scientist to develop expertise, broaden 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.

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).

What 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 **stable 5 years fixed-term position** 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.

Sounds interesting?

Then why not take your next career step with us by applying online - preferably in English - via our career portal by **11.09.2022**, quoting reference number **22/28** with a list of publications and the names of 3 referees, including one from your present work place.

Please note that all applicants are subject to administrative screening. For this post, medical fitness for work under ionising radiation is required.

We are committed to equal opportunities and diversity and therefore welcome applications from all suitably qualified candidates.



The Institut Laue-Langevin (ILL) is based in Grenoble (France) and operates Europe's leading research facility for basic research with neutrons. United by our passion for progress and technology, we drive science and research forward every day. Together, we can pave the way for discoveries that will help to make our world a better place.