

Vacancy

Software Engineer

The Institut Laue-Langevin (ILL), situated in Grenoble, France, is Europe's leading research facility for scientific research using neutrons. Every year, we host over 2000 visits by scientists, who come to the Institute to carry out world-class research. You will be part of the team of engineers responsible for the development of the NOMAD instrument control system in use at the ILL.

Yours Tasks

As a member of the software development team, you will contribute to a collaborative European project focused on scientific data management. Your main duties will include:

- Being responsible for the development, exploitation and maintenance of a data catalogue based on the SciCat platform, shared with the European Spallation Source (ESS) and other European neutron and photon facilities
- Being responsible for the customization of the ingestion of raw data into the database
- Ensuring the integration of specific ILL needs in the common SciCat project
- Taking charge of the deployment of the software on various instruments, with particular emphasis on the live update of the data catalogue
- Acting as the ILL contact person within the SciCat consortium.

Qualifications / Experience:

- Master's degree in Computer Science
- Strong background in object-oriented programming, with expertise in C++, Python and TypeScript
- Proficient in modern development tools and environments:
 - Messaging systems (Kafka, RabbitMQ)
 - Containers and orchestration (Docker, Kubernetes)
 - Reverse proxy (Traefik) and authentication (OIDC)
 - Monitoring, logging, version control and CI/CD pipelines
- Experience in developing software for industrial applications; hands-on and pragmatic approach
- Fluent in English, with strong interpersonal and communication skills.

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 **specified-purpose 36-month 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. For more details, visit <https://www.ill.eu/careers/working-at-the-ill/employment-conditions>.

How to apply:

https://www.ill-recruits.eu/module.php?module=applicant_register_cv_analyzer/applicant_register_cv_upload&sid=2063

Then why not take your next career step with us by applying online - preferably in English - via our career portal by **21.09.2025**, quoting reference number **25/51**. Please note that all applicants are subject to administrative screening (background checks). 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. Please note that the interviews will take place from **20 October 2025**.

Con copia de la candidatura a: eures.franciasuizabenenelux@sepe.es
Indicando la **referencia ILL 25/51**

Ayudas a la movilidad EURES

