

## Job offer #20210625- R&D engineer in X-ray Scattering instrumentation M/F

XENOCS is an international company specialized in the development and commercialization of innovative solutions for X-ray characterization of the structure of matter. Our worldwide users are academic and industrial researchers dedicated to developing new materials and products based on a deeper understanding of the nanostructure and macro-behavior of materials.

The company's headquarters are in Grenoble, France and the group has four subsidiaries in the USA, China, Denmark, and Singapore for a global workforce of around 90 collaborators.

To support our continued growth, we are now looking for an:

### **R&D Engineer in X-ray Scattering instrumentation M/F**

In a growing international group, we offer you the opportunity to join a multicultural, dynamic, and innovative team working in a collaborative mode. Our new building located in Grenoble is designed in a Quality of Life at Work spirit that promotes the efficiency and performance of our employees.

#### **MISSION**

The R&D engineer works on performance improvement on X ray scattering equipment so that Xenocs continues to deliver the highest performance systems on the market. The objective is to develop new functionalities and innovative options on both hardware components and software analysis workflow.

The R&D engineer leads short term projects quickly integrated in commercial products as well as more ambitious long-term projects with potential external collaborations.

The R&D engineer joins the R&D group and participate to innovation on all topics addressed by Xenocs.

#### **ACTIVITIES**

R&D activities:

- Understand physic behind instrumentation, do simulations.
- Propose improvements or new ideas, build and test prototypes.
- Bring new concepts from research to product.

Innovation management:

- Manage R&D project with cost-benefit analysis, roadmap, budget, resources, and communication.
- Participate to technological and competitive survey.
- Make proposal for new patents and support intellectual property process.

Technical expertise:

- Support production and customer service for solving problem as X ray expert.
- Support sales to estimate feasibility and performances in case of specific developments.

## PROFILE OF APPLICANT

**Degree, Initial Training:** PhD or engineer with specialization in physic or instrumentation or photonic

**Specific skills and experience required:**

- Scientific programming (python, C++), use of Windows and Linux.
- Experimental and hands-on experience with redaction of analysis report.
- Structured approach of applied scientific research with task overview and prioritization.
- Innovation culture, strong technical background, and curiosity.
- English mandatory.

**Specific skills not required but desired:**

- X-ray and instrumentation expertise: SAXS, XRD, ...

**Experience:** 5 years in general R&D activities  
An experience in X-ray field would be an advantage

**Type of contract:** CDI (Permanent contract)

**Workplace:** 1- 3 allée du Nanomètre, 38000 Grenoble

**Salary:** According to profile and experience  
Fixed, variable, health insurance, meal vouchers, profit-sharing schemes

Applications (CV and cover letter) should be sent by e-mail to [recrutement@xenocs.com](mailto:recrutement@xenocs.com).