

Job offer: Technical project leader | Physicist - X-ray optical systems



Technical project leader | Physicist - X-ray optical systems (f/m/x)

Entry date: as of now

In the development of high-precision X-ray optical systems, you are responsible for customer-specific projects. You will accompany the project from the initial contact, in which the physical and technical requirements of our customers are to be understood in detail. Since our customers come from both the scientific community and industrial research and development, the project requests turn out to be particularly versatile. In a further step, you will organize the development and production of the system with our experts in the fields of X-ray sources, optics, mechanics and coating technology. Finally, you will accompany the installation and testing of the final system. In addition to dealing with customer-specific inquiries, your activities will focus on the development of series products. You will participate in the technical support and analysis of products and in the implementation of quality and process improvement measures. You will be responsible for physical-technical and functional concerns of our X-ray optical systems and serve as a cooperative interface to many different departments within the company. We are looking for crafty colleagues to join our motivated team who are eager to take on these technical challenges.

Responsibilities:

- Development of innovative physical-technical solutions for high-precision X-ray optical systems from the idea to the final functional test
- Management of customer-specific projects in the fields of science and industry
- Conceptual design, development and verification of single X-ray components up to complete devices
- Independent work as project leader and part of an interdisciplinary development team
- Set-up, performing and evaluation of experiments and tests for customer systems and prototypes
- Technical contact person for suppliers and customers

Requirements:

- Technical education: Bachelor/Master's degree / diploma (FH) with/without PhD, preferably from the fields of physics, materials science, physical engineering, or equivalent qualification
- Strong interest to accompany and contribute to international research and development in the field of X-ray optics and X-ray analytics
- Solid knowledge of the physical and technical principles of X-ray beam generation and interactions
- Experience in setup, operation, evaluation and interpretation of physical-technical experiments and results
- Several years of experience in the field of X-ray analytics (e.g. XRD, XRF, SAXS) desirable
- Practical programming skills (Python, C++, or similar)
- Independent and self-reliant way of working and hands-on mentality
- Sociability and team orientation
- Very good written and spoken English
- Class B driving license

We offer you:

- Permanent full-time position in an internationally operating high-tech company
- Challenging, broad range of tasks with personal responsibility and space for personal development
- Value-oriented working environment that promotes collegial cooperation and encourages active participation
- Voluntary social benefits such as company pension scheme, subsidized lunch and profit-sharing scheme
- Vacation and Christmas bonuses
- Flexible working hours

Interested?

Please send your application documents (cover letter with salary expectations, CV and attachments)

- preferably by e-mail to [patrick.eiselt\(at\)axo-dresden.de](mailto:patrick.eiselt@axo-dresden.de) or
- AXO DRESDEN GmbH, Gasanstaltstr. 8b, 01237 Dresden, GERMANY