

Technical Expert – Nanolithography

Would you like to bring science to market in an award-winning Swiss deep-tech startup? Are you interested in designing and fabricating nanostructured optical elements for high-tech applications?

XRnanotech is currently looking for the best and most motivated technical expert to support our growing team. The position is available from 1. November 2021 or by appointment.

Job description

In this role, you will be responsible for the design, fabrication and characterization of nanostructured diffractive optical elements and you will push further developments. You will work on innovative products based on customers' needs and help to widen the product portfolio.

The position includes the following activities:

- Design and production of nanostructured optical elements using electron beam lithography and other nanolithography tools
- Characterization of optics and quality control using microscopy and X-ray techniques
- Development of new optical components according to customers' wishes
- Discussions with customers and scientific consulting

Your profile

- Studies in physics, engineering, or related fields
- Experience in the field of nanotechnology
- Understanding of optics, materials science and X-ray techniques
- Prior working experience in cleanroom facilities
- Skilled in electron beam lithography and other lithography tools
- Basic programming skills
- Proactive and independent way of working
- Team player in a multicultural working environment
- Fluent in English, German is a plus
- Possibility to obtain a Swiss working permit

If you are interested in this exciting position, we are looking forward to getting to know you. Please send your application to Dr. Florian Döring, CEO and Founder of XRnanotech, at info@xrnanotech.ch.