

Principal Optical Engineer

We are growing quickly - so be prepared for change and career opportunities!

Regensdorf, Switzerland

NKT Photonics is a dynamic, international high-tech company and a leader in the development, building and supply of high performance fibre lasers and photonic crystal fibres. We employ some of the best and most creative people in our industry and they have helped to make us one of the fastest growing and most innovative photonics companies in the World. At our facility in Switzerland, we develop and produce short-pulse lasers for a wide range of applications.

Now is a great time to join us as we embark on significant and hugely exciting growth plans; not just here, but across our global organisation - **so be prepared for change and career opportunities!**

It's an exciting, inspiring place to work where we encourage both personal and career development. To support our plans, we are now looking for a talented Principal Optical Engineer to join our growing team.

You will contribute to the development of a new generation of solid-state based and fiber-based ultrafast lasers, amplifiers and related products. Along the product journey, you will use your problem-solving skills to deliver innovative solutions to ensure that we stay at the cutting edge of our industry and are able to help our customers develop the next generation of solutions.

The Role:

- Take ownership of new laser product development activities from concept to transfer to production; work with other Engineers (optical, mechanical, electronics and our customers) to define and agree on requirements, develop designs and innovative technical solutions.
- Work with and motivate small project teams to enable them to optimise their effectiveness.
- Communication is key: prepare and deliver presentations, reports and the requisite quality documentation that describe progress, technical performance and procedures on projects and assignments.
- Support both the requirements for new business development by writing new R&D proposals and the Sales teams with customer enquiries. Work with the Quality, Purchasing and Manufacturing teams to oversee successful transfer of processes to Production.
- Design and run experiments, feasibility studies and assembly and testing of prototypes, identifying problems and applying new and innovative solutions.
- There will be some occasional travel to other NKT Photonics offices within Europe.

The Individual:

- Proven, relevant experience of inspirational product design, development and delivery to production within the fiber laser industry. Specialist practical knowledge of ultra-fast laser technology is especially useful.
- A relevant qualification in Physics, Natural Sciences or similar is required, preferably gained within a photonics research environment. Fluency in the English language is also important.
- Comfortable heading-up small project teams; able to motivate people to derive collective and personal success.
- Well-developed analytical abilities; able to question complex information, identify root-cause and effects and deliver inspiring solutions whilst displaying an entrepreneurial spirit.
- Passionate about what you do and for delivering an outstanding level of customer service both internal and externally.
- Exceptional time-management abilities, a deadline-oriented approach and strong decision-making skills.

We embrace a culture in which a healthy work-life balance is encouraged; and we promote a positive, supportive working environment. To support our growth plans, we are investing in our facilities and rapidly enlarging our talented teams. We provide a great place to work with good people and exciting, industry leading products.

If we sound like the place you would like to work, please send your CV and a brief covering letter in English to careers-ch@nktphotonics.com and we will be in contact soon.