We are hiring

Vacancy Photonics Engineer- OCT Solutions

Location & start date

This role will be on-site, in our office and lab in Enschede, The Netherlands.
The anticipated start date is March 2026.

About us

SuperLight Photonics is a fast-growing deep-tech company that develops breakthrough broadband light sources on a chip (PIC). Our technology brings the performance of bulky laboratory lasers into a compact, efficient, and scalable form, enabling new applications in OCT imaging and spectroscopy.

As a small but rapidly growing organization, we value creativity, initiative, and collaboration. Our team of seasoned professionals is dedicated to pushing the boundaries of technology, and we are seeking a like-minded individual to join us.

About the Photonics Engineer- OCT Solutions role

To support ongoing customer engagements and to accelerate our product roadmap, we are looking for a Photonics Engineer with hands-on experience in OCT applications.

As a Photonics Engineer at SuperLight, you will work at the intersection of (integrated) photonics, and real-world applications in industrial, scientific and (bio-)medical markets.

Your responsibilities include:

- Designing, developing, and optimizing (PIC-based) photonic solutions for OCT systems based on our ultrafast wideband lasers
- Contributing to the design and evaluation of OCT architectures
- Characterizing optical performance for OCT systems (spectrum, coherence, noise, stability, power)
- Supporting system integration with OCT setups, building demonstrators, and preparing inputs for marcom material

What we are looking for

You are an experienced photonics engineer who enjoys combining deep photonics knowledge with application-driven engineering and who has a focus on productization.

Your profile

- MSc or PhD in Photonics, Applied Physics, Engineering, or similar
- Strong understanding of OCT fundamentals, key concepts, components and system-level specifications.
- Strong understanding of OCT signal detection and processing
- Minimum 3 years of relevant experience, preferably in a commercial environment working in product development.
- Hands-on experience with OCT hardware, and software such as Matlab, Phyton, Zemax
- A pragmatic, product-oriented mindset
- Solid communication (English) and interpersonal skills, with the ability to collaborate effectively with multidisciplinary teams
- Positive, can-do attitude
- Comfortable to work in a fast-paced environment
- Occasional travel to customers, exhibitions
- The job requires that the candidate is eligible to work in the Netherlands and lives in or close to Enschede

What we offer

- Competitive salary: reflecting your experience and qualifications
- Innovation culture: the opportunity to work with cutting-edge technology
- Impact: dynamic, hands-on environment where your work has visible impact
- Professional growth: continuous learning and development within a supportive team
- Flexible work environment: we value balance and offer flexibility to meet individual needs
- Opportunity to grow your career alongside us in a rapidly growing company

Join us in shaping the future of photonics and contributing to our continued success in the global market. If you possess the expertise, passion, and determination that we are looking for, please send your CV and cover letter to elly.schietse@superlightphotonics.com.

SuperLight Photonics is committed to diversity and encourages applications from all qualified candidates, regardless of age, gender, ethnicity, or disability.

SuperLight Photonics only works with pre-qualified recruitment agencies.