



We are hiring

SuperLight Photonics, Leading Innovator in Super Continuum Generation Lasers, is hiring:

NPI Engineer- New Product Introduction Engineer

Location

This NPI - New Product Introduction - Engineer role will be based in Enschede, The Netherlands.

Are you an industry leader in photonics with a desire to drive innovation in the ever-evolving field of supercontinuum generation lasers? Do you have the experience, vision, and hands-on approach to take on the challenging and rewarding role of New Product Introduction Engineer in a thriving start-up? Do you combine strengths in mechanical engineering or electronics engineering, with a photonics background? If so, we want to hear from you!

About Us

We are a market-leading company at the forefront of photonics technology, specializing in supercontinuum generation lasers and photon-IC (PIC). 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 New Product Introduction Engineer role

As an NPI Engineer, you will be reporting to the COO. You will play a pivotal role in bringing our photonics products from conception to market, ensuring a seamless transition from R&D to production, including:

- Collaborate closely with cross-functional teams including R&D, manufacturing, quality, and supply chain to develop and execute NPI plans for new product launches
- Lead the implementation of efficient and scalable manufacturing processes for new products, optimizing for cost, quality, and reliability
- Conduct thorough feasibility studies and risk assessments to identify potential challenges and mitigate risks during the NPI process
- Drive continuous improvement initiatives to enhance NPI processes, streamline workflows, and accelerate time-to-market



- Develop and maintain comprehensive documentation including work instructions, process specifications, and quality standards for NPI projects
- Perform root cause analysis and troubleshoot technical issues that arise during NPI activities, implementing corrective and preventive actions as necessary
- Collaborate with suppliers to qualify new materials and components, ensuring compliance with technical specifications and quality standards
- Provide technical support to manufacturing teams during the production ramp-up phase, resolving any issues that may arise to ensure successful product launches

What we are looking for

- Education: Master's degree or higher in mechanical engineering, electrical engineering or applied physics, ideally combined with optics or integrated photonics
- Proven experience in NPI or product development roles within the photonics industry or related field
- Minimum 3 years of experience with integrated photonics devices and/or optical imaging and/or sensing products in an industrial environment
- Solid experience with mechanical, electronics, thermal and/or optics/photonics design
- Cross-disciplinary understanding of optics, chemistry, materials science, or biology is a plus
- Strong understanding of manufacturing processes, quality management systems, and product lifecycle management
- Expertise with CAD software (e.g. SolidWorks), simulation tools (e.g. COMSOL), PCB layout (e.g. Altium Designer) is a plus
- Self-motivated hands-on approach: willingness to engage directly in all aspects of operations
- Solid communication and interpersonal skills, with the ability to collaborate effectively with multidisciplinary teams
- Excellent analytical and problem-solving skills, comfortable to work in a fast-paced environment
- The job requires that the candidate lives in or close to Enschede, The Netherlands
- This role requires a minimum of 4 days office/lab presence

What we offer

- Competitive salary: reflecting your experience and qualifications
- Innovation culture: the opportunity to work with cutting-edge technology
- Professional growth: continuous learning and development within a supportive team
- Flexible work environment: we value balance and offer flexibility to meet individual needs

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.