



## VACANCY

**SMART Photonics B.V.** established in 2012, is an innovative scale-up in photonics at the High Tech Campus in Eindhoven, The Netherlands. We are trusted by the world's leading tech companies, large and small. We are the world's first pure-play foundry for Indium Phosphide photonics semiconductors, collaborating with our customers to turn their designs into the chips we manufacture at our facilities. Indium phosphide chips are proving to be the best choice in many innovative applications ranging from next generation low-power consumption datacentres to “intelligent pills” for medical diagnostics and high-accuracy drug dispense. Integrated photonics also plays an increasingly important role in the aircraft industry, air quality monitoring and ultra-secure cryptography.

SMART Photonics is a rapidly growing, ambitious high-tech company. Join us with the photonics revolution and apply now! We are looking for a:

## Senior R&D Scientist

Location: High Tech Campus, Eindhoven The Netherlands

Fulltime: 40 hours a week

Direct Report: Chief Technology Officer

### Job description

As a Sr. R&D Scientist you're the enabler regarding our technical direction. Besides, you're a true multiplier when it comes to integrated photonics specific knowledge. This results in the ability to develop both skills and knowledge of your fellow colleagues. In order to do so, you rely on your solid track record in Integrated Photonics. Fundamentally, as a Sr. R&D Scientist you hover above all we do by which you challenge R&D by critically asking and challenging why and how we further develop our integrated photonics. Although you primarily hover above the process, you deep dive when needed. This results in a wide variety of challenges. From supporting customers to educating our R&D Engineers and from analysing our vertical engineering up to critically reflecting our masks.

### We are looking for a person who has/is

- You have a PhD in Photonics, that's key!
- You bring along advanced knowledge in electron optic and Photonics. Knowledge on a broad spectrum of technology is preferred
- You have at least 5 to 10 years of experience in a technical R&D role
- Experience in manufacturing of semi-conductors in cleanroom environments
- Strong knowledge of semi-conductor fabrication technologies and products
- Solid analytical and creative thinking skills for effective decision making.
- Strong communication skills – oral, written, and presentation
- Strong inter-personal and leadership skills
- Ability to plan strategically as well as execute on tactical day-to-day activities
- Ability to effectively manage an urgent/crisis communication and drive a team to find quick solutions to critical problems
- Has a natural independent drive to take responsibility/ownership to get the job done, stay focused and be pro-active.
- Embodies cooperation and co-creation. These are key to our success.

### **We offer**

- To become part of a new revolution in chip technology in the field of Photonics, like micro electronics was in de '70s.
- To develop with us SMART Photonics into a market leader in an entrepreneurial, dynamic environment.
- A challenging position with plenty of room for own initiatives and professional development.
- A talented group of passionate people working in an open culture in multidisciplinary teams.
- A competitive set of employment terms.
- Not a single boring working day.

### **Interested?**

Are you up for a challenge by playing a key role within our R&D environment resulting in further development of Integrated Photonics across a dynamic Startup environment? Feel free to apply. Still some questions? Feel free to reach out to our Recruiter Sjoerd Jacobs (+31 6 25 02 47 68).

See also our website [www.smartphotonics.nl](http://www.smartphotonics.nl) for more information about the company;

Your Design

Our Service

Your Future

*Acquisition as a result of this advertisement is not appreciated.*