



SCANTINEL PHOTONICS is a high-tech startup in the field of LiDAR technologies developing the key optical sensors enabling fully autonomous vehicles in the future. Such cars will come to reality faster than you can imagine. Our expertise is based on our years together at the optical technologies market leader ZEISS. To complete our team of experts, we are looking for passionate and talented people who will enjoy the ride with us!

## Integrated Laser and Amplifier Specialist (f/m/x) - Karlsruhe

Your main responsibilities:

- Develop integrated III-V– SOI laser and amplifier together with international development team of photonic scientists and engineers
- Develop integrated laser and amplifier specification together with LiDAR development team
- Provide tests of the integrated laser/ amplifier/LiDAR system prototypes
- Provide communication interface to the laser/amplifier fabrication facility
- Analyze performance of the laser/amplifier system together with development team

You should have:

- PhD in Physics (preferably semiconductor, solid-state physics)
- Experience in semiconductor laser system development and test, photonic experience a plus
- Strong analytical and communication skills, ability to operate in a multi-cultural team
- Ability to provide concise technical reports
- Skills in MatLab, Python or similar tool

At Scantinel you have the great opportunity to work in a very dynamic market environment and in close cooperation with international technology partners with leading industry expertise in their fields. You get in touch with leading suppliers and OEMs in the automotive industry. You will find a very challenging environment, working in a team of highly qualified scientists and engineers who value openness, trust and empowerment. These shared values enable you to directly influence the future directions of our technology & business targets, that's to say to influence the future of autonomous driving. It's our best guarantee for success.

Let's go together along in innovative ways to make our roads safer and accidents a thing of the past with your competence, your passion and your enthusiasm for disruptive technologies!  
Scantinel Photonics is backed by ZEISS Ventures.

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