



SpaceTech is a growing medium sized enterprise focused on the development of space systems, from small satellites to optical instrument and a range of satellite equipment. From our headquarters in Immenstaad at Lake Contance, Germany, we offer our international customers our products and services for their space missions.

Due to our increased engagement in the area of laser-optical instruments and quantum technology, we are hiring new employees to strengthen our team in the Photonics Engineering department.

Electro Optical Engineer (m/f/d) Laser Interferometry and Quantum Technology

We develop unique laser optical instruments for operation in space to explore the universe and for Earth observation. You will work in a small, interdisciplinary team of engineers enthusiastic for space and smart solutions. We make a project to our project: from design to hardware, from breadboard to flight model. You will go along with your task from the first concept idea to flight hardware. You can make decisions and thus, a difference.

Your Tasks

- Design, analyze, and build cutting edge (electro-)optical systems for space
- Work with engineers across the company to develop and improve opto-mechanical and electro-optical designs
- Procure (designed) hardware
- Define and lead testing of optical experiments
- Participate in verification testing, including environmental qualification, performance characterization, and reliability testing
- Document design and test activities
- Contribute to proposals

Your Skills and Experience

- Hands-on experience in optical design or system design, integration, and test of lasers or electro-optical systems
- A Master's degree or PhD in Optoelectronics, Physics or equivalent
- Sound knowledge of optic, electro-optics, lasers, optics testing / troubleshooting techniques
- Proficiency with electronic and/or optical analysis tools
- Hands-on experience with testing
- Experience with developments for space is beneficial
- Ability to working independently and in an interdisciplinary team
- Ability to take initiative and communicate effectively

We offer

- Varying development tasks in the area of high-end space technology
- Personal impact and development possibilities in flat hierarchies
- Profit sharing, company pension scheme, flexible home office rules and many more

Point of contact

Patricia Ottenwalder
Tel: +49 (0) 7545 93284-40
patricia.ottenwaelder@spacotech-i.com
www.spacotech-i.com

