



SpaceTech is a growing medium-size enterprise focused on the development of space systems, from solar arrays and optical instruments to satellite equipment like mechanisms and electronics. From our headquarters in Immenstaad at Lake Constance, Germany, we offer international customers our products and services for their space missions.

Due to our increased engagement in the area of laser-optical instruments, we are hiring new employees to strengthen our team.

Model and Performance Engineer (m/f/d) For laser interferometric instruments

Your Tasks

- Develop mathematical models for electro-optical space instruments, e.g. for instrument performance model
- Implement real-time compatible simulation functions
- Integrate models with test bench interfaces and data buses
- Design and implement configuration file handling
- Support error injection, fault detection, and performance validation
- Collaborate with system engineers and optical engineers
- Deliver documentation, test cases, and verification reports

Your Skills and Experience

- Strong experience in C/C++ and/or MATLAB/Simulink
- Background in numerical modeling, control systems, or aerospace simulation
- Familiarity with real-time systems, data buses, and signal processing
- Experience with scientific software development and model verification
- Ability to work with customer specification documents, and simulation frameworks
- Fluent in English (written and spoken), German in an asset

We offer

- Personal impact and development possibilities in flat hierarchies
- A pleasant working atmosphere in a young team of interdisciplinary space enthusiasts
- Profit sharing, company pension scheme, flexible home office rules and many more...

This position will require being eligible for clearance by the recognized authorities.

Point of contact

Anna Jedrzejczyk

Tel: +49 (0) 7545 93284-245

career@spacetech-i.com

