



The company Kampf Telescope Optics (KTO), based in Munich, develops complex and innovative optical systems for space, fusion and astronomy. Stability, precision, lightweight design and reliability characterize our products and services. Our engineers work on challenging projects in industry and science such as earth observation, fusion diagnostics or optical communication. The company is expanding and we are currently recruiting. Join us and engage in diverse and exciting assignments. We are looking for the earliest possible date for a

## **Optical System Engineer**

### **Your tasks**

Your main task is the design of optical instruments for application in space (earth observation, exploration) or plasma monitoring in a fusion reactor (ITER, W7-X)

- Analysis of requirements, definition of technical concepts and execution of trade-offs for the selection of technical baselines
- Design, analysis and tolerancing of optical systems from conceptual phase up to detailed design using ZEMAX or similar design tools
- Coordination and iteration with opto-mechanical design and FEM analysis
- Execution / support of STOP (Structural Thermal Optical Performance) analysis
- Definition of technical concepts for alignment and calibration
- Layout of optical test equipment
- Support / execution of assembly, integration and testing
- Coordination and iteration of optical design and analysis with other engineering disciplines
- Optional: technical project management inclusive iteration with customers, designers and suppliers

### **Your profile**

- Degree in physics, optics, photonic or equivalent
- Several years of relevant experience in the field of design and analysis of optical systems
- Experiences in assembly and integration would be a plus
- Proficiency in ZEMAX or equivalent design tools
- Autonomous work & good team spirit
- High level of commitment and assertiveness
- Good communication skills and a responsible way of working

### **Our offer**

- Interesting job & responsible position
- Permanent employment
- Flexible working hours

### **You are interested?**

Please send your complete application to [personal@ktoptics.de](mailto:personal@ktoptics.de) stating your earliest possible starting date.

**Looking forward to hearing from you!**

[www.ktoptics.de](http://www.ktoptics.de)