

Description

AMO GmbH is a research institute in the field of nanotechnology. Our mission: we carry out scientific research in the fields of microelectronics, photonics, sensor technology, diagnostics, energy and environment to provide technological impulses for economic development. We are partners for regional and global innovators and seek sustainable solutions for current global challenges. We are pathfinders for the technology of tomorrow. Join us in bridging the gap between scientific discoveries and technological solutions!

Master Thesis “Integrated Wavemeter characterization” (m/f/d)

Responsibilities

- Systematic study of wavelength measurement devices (Wavemeters) fabricated at AMO
- Optical characterization techniques: transmission of packaged and bare-die devices
- Electrical characterization techniques: setting up measurements with electronics from AMOtronics
- Tuning the analysis algorithm
- Literature research, data analysis, presentation of results

Qualifications

- Master-student in electrical engineering, physics, material science or similar
- Ideally with experience in electronic measurement equipment and optical characterization
- Systematic working style, careful analysis of results
- Fluent in both spoken and written English, German is a plus

Job Benefits

- be part of our international, passionate, enthusiastic team of physicists and engineers combining ideas from various disciplines
- excellent infrastructure (400 m² clean room equipped with state-of-the-art fabrication and characterization technologies) and modern workplaces
- family friendly flexible working hours, including mobile working opportunity plus multiple benefits

Contacts

Interested? Then we should get to know each other! Please send your application including a letter of motivation, a resume and the currently relevant references to jobs@amo.de

Contact: Dr. Stephan Suckow



Hiring organization

AMO GmbH

Employment Type

Full-time, Part-time

Job Location

Aachen

Date posted

30. March 2023

jobs@amo.de

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