



Student Assistant (HiWi) in Fabrication and Characterization of Semiconductor Devices (m/f/d)

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!

YOUR TASKS :

- Characterization of 2D materials, such as Raman spectroscopy, SEM, AFM, etc.
- Microfabrication of electronic devices and circuits based on 2D materials
- Electrical Characterization of the devices
- Literature investigation, data analysis, presentation of results

YOUR PROFILE :

- Master-students in physics, material science, electrical engineering, or similar
- Ideally with knowledge in semiconductor devices and microfabrication
- Ideally with first knowledge on 2D materials
- Fluent in both spoken and written English
- Available to work at least 10 hours/week

OUR OFFER :

- 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
- with possibility of doing a master thesis in the future

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

Contact: Dr. Zhenxing Wang

