



## Master Thesis “Growth of Graphene with Chemical Vapor Deposition”

AMO GmbH is an innovative research service provider for industry, SMEs and research institutions in the area of nanofabrication in Aachen. Our application-oriented research is focused on innovative processes and devices in the field of nanotechnology. Our national and international partners and customers come from the area of semiconductor technology, optical and biotechnology industry.

Would you like to work as part of a creative team in the area of high-end technology? Then you are exactly in the right place at AMO! For immediate placement, we are offering a position (m/w/d) for

## Master Thesis “Growth of Graphene with Chemical Vapor Deposition”

### Your future responsibilities will include:

- Development and optimization of the graphene growth process.
- Characterization of the graphene material quality.
- Fabrication of graphene device to characterize the charge carrier mobility.

### Your profile:

- Master students in physics, material science, electrical engineering or similar.
- Ideally with knowledge in material characterization.
- Ideally with knowledge in semiconductor devices and microfabrication.
- Fluent in both spoken and written English.

### We offer:

- Excellent infrastructure (400 m<sup>2</sup> of clean room equipped with state-of-the-art fabrication and characterization technologies).
- Working in an international team.
- Family friendly work environment and flexible working hours.

Please send your complete application documents (cover letter, CV, and academic transcript are mandatory, other information would be beneficial) to: [jobs@amo.de](mailto:jobs@amo.de) with a reference “Growth of Graphene with Chemical Vapor Deposition”.

For further details on the position please contact: **Dr. Zhenxing Wang**, [wang@amo.de](mailto:wang@amo.de)

