



## Wissenschaftliche Hilfskraft (m/f/d) in Programming of Semiconductor Device Characterization Routines

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 for

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with working time of 10 hours per week for a fixed term of 12 months (duration relatively flexible, extension is also possible).

#### Your future responsibilities will include:

- To improve existing measurement routines for different semiconductor devices.
- To design concepts for new measurement routines of semiconductor devices under the supervision of our scientific staff.
- To program new measurement routines for characterization of semiconductor devices at a probe station.
- To program the automatic control of the probe station (software/hardware interface).

#### Your profile:

- Bachelor- or master students in physics, material science, electrical engineering, computer science or similar.
- Experience with programming is mandatory.
- Basic knowledge in LabVIEW, GPIB communication is preferred.
- Basic knowledge in semiconductor devices is beneficial.
- Fluent in both spoken and written English. Basic knowledge of German language is a plus.

#### 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.
- Close interaction with other activities in the field of graphene and 2D materials at AMO.
- Family friendly work environment and flexible working hours.

Please send your complete application documents (CV and cover letter are mandatory) to: [jobs@amo.de](mailto:jobs@amo.de) ( "HiWi Routine Programming"). For further details on the position please contact **Dr. Zhenxing Wang** ([wang@amo.de](mailto:wang@amo.de)).



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