



Postdoctoral Researcher on Integrated Photonics for Quantum Computing

AMO GmbH is an innovative research service provider for industry, SMEs and universities. We operate a silicon pilot line and conduct application-oriented research, focusing on new materials integration.

We invite you to join AMO as part of our Nanophotonics Group. We are an international team of passionate and enthusiastic physicists and engineers from various disciplines such as microelectronics, lasers and photonics, electrical engineering and nanotechnology. We are combining ideas from various disciplines to research key technology to scale the number of QBits in ion trap based quantum computers.

We are expanding our team and intend to hire a

Postdoctoral Researcher on Integrated Photonics for Quantum Computing

Your profile:

- PhD in physics, electrical engineering or nanotechnology
- First-hand experience in fabricating photonic devices in a clean room
- Experience in simulating optical devices is a plus
- Proven academic record
- Ability to work independently
- Very good English language skills; German is a plus

Your tasks:

- Independently conducting research on Integrated Photonics for Quantum Computing (process development, device design, characterization)
- Supervision of PhD and Master students
- Coordinating the work within our project, with project partners and especially the Chair of Electronic Devices (Prof. Max Lemme)
- Project reporting, publications etc.

We offer:

- Excellent infrastructure (400 m² of clean room equipped with state-of-the-art fabrication and characterization technologies).
- Working in an international team.
- Family friendly work environment and full position with flexible working hours.

Join us today! Please send your CV and cover letter to jobs@amo.de; Dr. Stephan Suckow

