



We are inviting students to apply for BSc projects:

### Quantum technologies with integrated photonics

Quantum technology is likely to become one of the key technologies of our century. To bring quantum technologies to the next level, small integrated devices are needed.

Be part of our group, developing future technologies!

#### You will:

- Learn how to use integrated photonics for quantum technologies
- Characterize your circuit in our state of the art laboratory
- Experience hands on quantum mechanics
- Learn and improve your skills in in key technologies like photonics, quantum computing and quantum information processing
- Build your foundation for future-oriented jobs in research and photonic industries

#### We are looking for:

- BSc Students with a background in physics
- Interest in experimental quantum optics, quantum computing and quantum information processing
- Ideally some knowledge on programming (Python, Mathematica, Matlab, ...)

## BSc projects in Photonic Quantum Technologies

[www.barzgroup.de](http://www.barzgroup.de)

For more information,  
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