



We are inviting applications for a postdoc position at the University of Stuttgart.

The successful candidate will work on the development and implementation of secure applications in quantum networks. This includes building photonic experiments, developing photon sources, photonic circuits, and building setups for testing and implementation of various networked applications.

The position will be funded by the BMBF project SiSiQ – Silicon photonics in secure quantum networks (<https://www.fmq.uni-stuttgart.de/barz-group/research/project-SiSiQ/>).

Postdoc position: Quantum network applications

www.barzgroup.de

We are looking for excellent postdocs with:

- interest in collaborative and interdisciplinary research
- background in experimental quantum information processing
- Ideally: experience in quantum photonics
- general programming skills (Matlab, Mathematica, Python, ...)
- PhD in physics, engineering, or related

Duties and responsibilities:

- Perform independent and original research
- Publish to refereed journals
- Co-supervise PhD and MSc students
- Contribute to project meetings and workshops

Further information:

- This position is full time, fixed term for 12 months with the possibility of extension
- The position is available from 1st April 2021 or as close as possible by negotiation
- For more information, please contact Prof. Dr. Stefanie Barz: barz@fmq.uni-stuttgart.de, www.barzgroup.de

