Do you want to be part of the 2nd quantum revolution? Do you want to bring photonic technologies to a single quantum level? Do you want to build novel photonic quantum processors?

PhotonQ aims at building a photonic quantum processor and create novel methods for efficient photonic information processing.

We develop deterministic single-photon sources, scalable silicon-photonic circuits, optimised interconnection technology and novel single photon detectors – and bring all together to develop a photonic quantum processor. Likewise, we are developing novel theoretical concepts for an optimised performance of the quantum processor.

Would you like to be part of this endeavour?

Are you interested in quantum optics, semiconductor physics, quantum computing and quantum information processing, either in theory, experiment, or both?

Have you completed your MSc or PhD with a background in physics, photonic engineering, electrical engineering or related?

Would you like to be part of our trans- and interdisciplinary team and be part of our joint endeavour towards developing photonic quantum technologies?

Would you like to work in an academic environment, research institution, or a start-up environment?

Join our team: We have positions available both in experiment and theory working towards building a photonic quantum processor at the following locations:

- Stefanie Barz, University of Stuttgart
- Peter van Loock, University of Mainz
- Mathias Kaschel, IMS Chips Stuttgart
- Sven Höfling, University of Würzburg
- Martin Plenio, University of Ulm
- Philipp Dietrich, Vanguard Automation GmbH Karlsruhe
- Jonathan Finley, TU Munich

Check out [www.photonq.de](http://www.photonq.de) for details on the individual positions and information on how to apply. Contact us at [jobs@photonq.de](mailto:jobs@photonq.de) if you have any questions.