



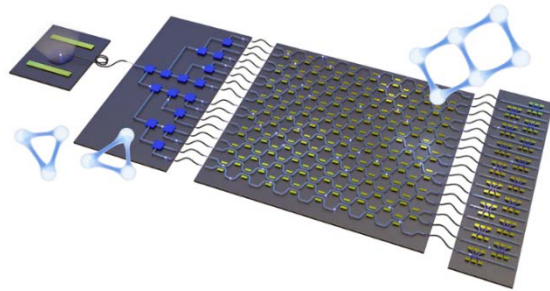
## PhD and Postdoc positions – experiment and theory.

**Do you want to be part of the 2<sup>nd</sup> 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.