

## **IQ<sup>ST</sup> Postdoctoral Fellowship**

The Center for Integrated Quantum Science and Technology (IQ<sup>ST</sup>) in Baden-Württemberg, Germany invites applications for a two-year IQ<sup>ST</sup> postdoctoral fellowship. The fellowship is meant to provide young scientists, of unusual ability and promise, an opportunity to start research on a problem of their choice within the stimulating environment of the Center for Integrated Quantum Science and Technology (IQ<sup>ST</sup>). The proposed research plan of the applicant should contribute to the overall goals and efforts of IQ<sup>ST</sup>; in particular, research plans that support the effort of collaboration between different disciplines, industry, and institutions will be viewed most favorably. Successful applicants will be hosted by an IQ<sup>ST</sup> Fellow for administrative and equipment support.

Please consult the website [www.iqst.org](http://www.iqst.org) for more information about the [IQ<sup>ST</sup> Fellows](#) and the center's research topics.

**Applications**, including an evaluation from the host IQ<sup>ST</sup> Fellow, should be sent to [iqst@iqst.org](mailto:iqst@iqst.org) with 'Postdoc Fellowship Application' in the title **by June 30<sup>th</sup>, 2018**.

### **Funding:**

- salary is based on a TVöD E13 Full-time position.
- funding for up to 24 months
- administered directly by an IQ<sup>ST</sup> Fellow

### **Review criteria:**

Proposals will be evaluated by the [IQ<sup>ST</sup> Executive Board](#).

- Scientific excellence reflected in your academic and research record, demonstrating the ability to secure further funding to start a young researcher group within the Center for IQ<sup>ST</sup> during the two-year fellowship (e.g. Emmy Noether Program or ERC starting grant).
- Scientific proposal will be judged by its innovation, feasibility, and significance.
- Evaluation by the host Fellow explaining the contribution of the proposed work to IQ<sup>ST</sup>.
- Completion of the PhD after June 2013.

*For any questions about your application before submission, please contact:*

Prof. Dr. Tilman Pfau (director)  
Prof. Dr. Joachim Ankerhold (co-director)  
Dr. Mahdiah Schmidt (scientific manager)

**Project Title:**

Applicant PostDoc and IQ<sup>ST</sup> Fellow involved:

Name / Current Institute	Phone	e-mail
Dr. X.Y.		
Prof. A. Z. (IQST fellow)		

**I. Research Proposal (< 3 pages):**

*The proposal should include the following sections:*

**A. Summary and status of the proposed research topic (~1 page):**

*What are the open scientific questions relevant to your proposed research project? Please cite the relevant publications in the field.*

**B. Milestones (~1 page):**

*Define at least three milestones and the research program for the 2 year term.*

**C. Own preliminary work (~0.5 pages):**

*Here it is important to cite all of your own relevant publications that are citable. Please avoid papers in preparation, etc. If papers are available on the arXiv please give the respective reference.*

**D. List of the most relevant and published work:**

*Please include all authors such that one can see the full list and distinguish between your own and other peoples work. Indicate the number of citations (ISI Web of Science) of your own papers.*

**II. IQ<sup>ST</sup> Fellow Evaluation (<1 page):**

The IQ<sup>ST</sup> Fellow intended to host the Postdoctoral Fellow, should write a summary of how the work of the postdoc will contribute to the overall goals of IQ<sup>ST</sup>. Applications that integrate collaboration across different IQ<sup>ST</sup> institutions, locations, disciplines and/or industry into their research proposal will be given priority.