

## **Postdoctoral positions in theoretical quantum information science, Fudan University, Shanghai**

Three postdoctoral positions in theoretical quantum information science are available in the group of Prof. Huangjun Zhu in Department of Physics, Fudan University, since January 2018. The positions last for two years, with possibility of extension. Successful applicants are expected to conduct high-quality research in various areas of quantum information, including but not limited to quantum measurements, quantum tomography, and quantum computation. There will be opportunities to work with Prof. Zhu and other faculty members at Fudan University, including Prof. Yu Shi, Prof. Yidun Wan, Prof. Ling-Yan (Janet) Hung, and Prof. Xiaopeng Li. Independent research is also encouraged. Competitive salary, sufficient travel funding, and other benefits from the university will be provided.

Applicants should hold PhD in physics, mathematics, or an equivalent, with strong background in physics and mathematics. Researchers from all areas of quantum information science are welcome, though research experiences in one or more of the following topics would be desirable:

1. Quantum measurements, quantum tomography, quantum

metrology, state verification, and randomized benchmarking.

2. Quantum computation, quantum algorithm, and quantum error correction.

Applicants should send CV with a research statement and a list of publications to Prof. Zhu at [zhuhuangjun@fudan.edu.cn](mailto:zhuhuangjun@fudan.edu.cn); three recommendation letters are expected to be sent by the recommenders directly.

Applications received before **31 Jan 2018** will receive full consideration; later applications will be considered if the positions are still available.

### **More information**

Prof. Huangjun Zhu got Bachelor, Master, and PhD degrees from Zhejiang University, Peking University, and National University of Singapore, respectively. He then did postdoctoral research at Perimeter Institute and Cologne Institute for Theoretical Physics. He joined Fudan University in January 2018 and is trying to build a research group on quantum information science there. (<http://phys.fudan.edu.cn/13/75/c7605a136053/page.htm>)