The Institute for Quantum Optics and Quantum Information Vienna (IQOQI) of the Austrian Academy of Sciences (OeAW), Austria’s leading non-university research and science institution, is offering a

**PhD Student Position (F*M)**

(part-time, 30h per week)

in the Quantum Information and Foundations of Physics research group led by Markus Müller.

The Müller group’s research interest focuses on foundational problems in theoretical physics from an information-theoretic perspective with quantum information theory as its main tool and by addressing a variety of questions with the rigorous methods of mathematical physics.

For an overview of the research activities of the group, see Mueller Group.

Now the Institute for Quantum Optics and Quantum Information (IQOQI-Vienna) in Vienna is offering a PhD student position to a highly motivated and well-qualified student to work within a PhD thesis project in the field of quantum foundations and quantum information theory.

**Your profile:**

- Diploma or Master’s degree physics or related discipline
- Master or diploma thesis in quantum science preferred
- A strong interest in quantum foundations, quantum information theory and computer science
- Ability to perform involved mathematical calculations and analytic proofs
- Excellent English skills

**Interested candidates** are invited to submit

- a letter describing their research interests,
- a detailed curriculum vitae,
- a grade certificate from master and bachelor studies
- the electronic (email) contact details of at least two potential referees

to iqqi-personnel@oeaw.ac.at (mentioning Job ID: IQOQIVIE050DOC220) no later than June 24, 2020.

We offer an annual gross salary of € 30,878.40 before taxes based on the salary scheme of the Austrian Science Fund (FWF).

The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. The OeAW lays special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.