

Job ID: IQOQIVIE145DOC122

The Institute for Quantum Optics and Quantum Information Vienna ([IQOQI-Vienna](#)) of the Austrian Academy of Sciences ([OeAW](#)), Austria's leading non-university research and science institution, dedicates its work to theoretical and experimental basic research in the areas of quantum science. We currently offer a

PHD STUDENT POSITION (F*M)

(part-time, 30h per week)

in the Quantum Foundations and Quantum Information on the Nano- and Microscale research group led by Markus Aspelmeyer (for details please visit: [Aspelmeyer Group](#))

Your tasks:

The group's research objective is to investigate quantum effects of nano- and microscopic systems and their implications on the foundations and applications of quantum physics.

Your profile:

- Completed Master studies in Physics or a related discipline
- Previous research experience gained through internships and/or master thesis work
- A candidate with the motivation and dedication to maximize the output of their PhD studies

Our offer:

- A unique mixture of state-of-the-art experimental and theoretical research on the foundations of quantum physics, quantum information and space-time physics
- A group of international and highly collaborative colleagues
- An environment that fosters creativity, collaboration, innovation, and a mindset for ground-breaking novel research ideas
- An outstanding track record of PhD students who successfully pursue scientific careers as Postdocs at internationally renowned research institutions or in industry
- Mentoring through experienced and dedicated group leaders and Postdocs
- The opportunity to closely engage in collaborative research projects with the Faculty of Physics at the University of Vienna and with colleagues at the Vienna Center for Quantum Science and Technology (VCQ)
- The opportunity to collaborate with industry or to get involved in academic startup companies (IQOQI is one of OeAW's institutes with the highest IP/patenting activity)
- An employment contract that includes full insurance (health, accident, pension)
- Administrative support with relocation, visa applications, onboarding, enrollment in the PhD program at the University of Vienna, family support, etc.

We offer an annual gross salary of € 32.297,58 before taxes based on the collective agreement of the Austrian Academy of Sciences. We invite you to send your application, including a letter of motivation, your CV, certificates, and the names and contact details of 1-2 scientific referees to applications-iqoqi@oeaw.ac.at mentioning Job ID: IQOQIVIE145DOC122, **no later than November 19th, 2022.**

The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups are particularly encouraged to apply.