

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

PHD STUDENT POSITION (F/M/X)

(part time, 30h per week)

in the Quantum Information Structure of Spacetime research group's project led by Dr. Marios Christodoulou.

The focus is on interdisciplinary research in quantum physics and gravitational physics. The particular emphasis of the group is in developing low energy quantum gravity theory with input from quantum information and quantum foundations, with a view to applying the results in the context of the novel field of 'table-top' phenomenology for quantum gravity.

Now the Institute for Quantum Optics and Quantum Information (IQOQI-Vienna) in Vienna is offering a PhD position, with an initial contract of 24 months, to a highly motivated and well-qualified scientist to work at the intersection of the broader fields of Quantum Information and Quantum Gravity.

Your profile:

- Diploma or Master's degree in Physics or related discipline
- Strong interest in quantum information theory and quantum gravity, demonstrated e.g., by a Master thesis in these topics
- Excellent English skills

Your tasks:

- Performing research along the research lines of the group
- Writing and submitting scientific articles summarizing your findings
- Supporting the group leader in writing project proposals

Interested candidates are invited to submit:

- Bachelor and Master studies certificate
- A detailed curriculum vitae including a list of publications
- A short Research Statement
- The electronic (email) contact details of at least two potential referees

to applications-iqoqi@oeaw.ac.at (mentioning Job ID: IQOQIVIE132DOC224) at your earliest convenience.

We offer an annual gross salary of € 37.773,33 based on the salary scheme of the Austrian Academy of Sciences.

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.