

Job ID: IQOQIVIE047DOC124

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, is offering a

PHD STUDENT POSITION (F/M/X)

(part-time/ 30h per week)

in the junior research group led by Dr. Esteban Castro Ruiz.

This new group explores the foundations of quantum theory at the intersection of quantum and gravitational physics. We focus on research areas including quantum clocks and the measurability of time, relativistic quantum information, quantum causal structure, and quantum reference frames.

Your tasks:

- Performing theoretical research along the research lines of the group
- Presenting your work at conferences in Austria and abroad
- Writing and submitting scientific articles summarizing your findings
- Supporting the group leader in writing project proposals

Your profile:

- Received or soon to be received master's degree in physics or other eligible master's degree for the PhD program at the University of Vienna
- High motivation to carry out foundational research
- Necessary technical skills to do research in theoretical physics
- English proficiency

Interested candidates are invited to submit:

- A detailed CV including publications (if any)
- Master thesis and grades (if available)
- The contact details of two potential referees

to applications-iqoqi@oeaw.ac.at (mentioning Job ID: IQOQIVIE047DOC124) until the position is filled. We offer an annual gross salary of € 37.773,33 according to 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.