

Job ID: IQOQIVIE025PD224

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

## POSTDOC POSITION (F/M/X)

(full-time, 40h per week)

in the Independent Research Group at IQOQI Vienna lead by Dr. Marios Christodoulou. The position is partly supported by the Quantum Information Structure of Spacetime project.

The focus is on interdisciplinary research in quantum information, quantum foundations and gravitational physics. Background in some of the fields quantum foundations, quantum field theory, quantum information, quantum field theory, quantum many body systems, quantum gravity or related fields is required. An interdisciplinary profile may be preferred.

Now the Institute for Quantum Optics and Quantum Information (IQOQI-Vienna) in Vienna is offering a Postdoc position, with an initial contract of 12 months and possibility to extend another 12 months (1+1), to a highly motivated and well-qualified scientist to work at the intersection of the broader fields of Quantum Information and Quantum Gravity.

### Your task:

- Theoretical research at the interface between quantum information theory, quantum field theory and quantum gravity.
- Supporting the group leader in preparing project proposals
- Involved in administrative and academic tasks and supervision of students

### Your profile:

- PhD in quantum physics theory, ideally with solid experience in quantum field theory and interdisciplinary elements in gravity and quantum information.
- Good general knowledge of general relativity, quantum field theory, quantum foundations, and quantum information theory

### Interested candidates are invited to submit:

- A detailed curriculum vitae including list of publications
- Short research statement
- PhD certificate
- Cover letter (one page max)
- The electronic (email) contact details of at least two potential referees

to [applications-iqoqi@oeaw.ac.at](mailto:applications-iqoqi@oeaw.ac.at) (mentioning Job ID: IQOQIVIE025PD224). Applications will begin to be reviewed as soon as they are received. The position will remain open until a suitable candidate is found. The tentative starting date is September 1st 2024, with some flexibility

We offer an annual gross salary of € 66.501,40, according to the collective agreement 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.*