

Job ID: IQOQIVIE139ADM221

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)

(full time, 40h per week)

in the Quantum Foundations and Quantum Information Theory research group led by Prof. Caslav Brukner.

The Brukner group's research interest focuses on the role to gain insight into quantum foundations and quantum information by exploiting operational and information-theoretic approaches. Furthermore, the research focus has recently also applied them to the field of causality and gravity.

For an overview of the research activities of the group, see [Brukner Group](#)

Now the Institute for Quantum Optics and Quantum Information (IQOQI-Vienna) in Vienna is offering a Senior Postdoc position to a highly motivated and well-qualified scientist to work in the field of Quantum Foundations and Quantum Information Theory.

### Your task:

- Theoretical research at the interface of quantum foundations and quantum information theory
- Supporting the group leader in preparing project proposals
- Being involved in various administrative tasks such as supervision of students

### Your profile:

- PhD in quantum physics
- Ideally experience in supervising students and writing project proposals
- Experience in quantum foundations
- Experience in operational and quantum information-theoretic approaches

### Interested candidates are invited to submit:

- A detailed curriculum vitae including list of publications
- Short research statement
- PhD certificate
- 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: IQOQIVIE139ADM221) **no later than November 7, 2021.**

We offer an annual gross salary of € 55.242,60 (full time based, before taxes) according to the salary scheme of the Austrian Science Fund ([FWF](#)). Depending on qualification and experience, the salary can be negotiated.

*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.*