



OeAW - Discovering the future

As a central non-university institution for science and research, the **Austrian Academy of Sciences - OeAW** has the task of "**promoting science in every respect**". Founded in 1847 as a learned society, it now has over 760 members and around 1,800 employees dedicated to innovative basic research, interdisciplinary knowledge exchange and the dissemination of new insights. The OeAW initiates and maintains partnerships worldwide and represents Austria in international scientific organizations; it cooperates with numerous institutions in the scientific field in order to actively **shape the research landscape**.



Postdoc (f/m/x)

Job ID: IQOQIVIE092PD226

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 position as

Postdoc (f/m/x)

(Full-time employee)

(Office & remote)

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

The Brukner group's research goal is to gain insight into quantum foundations and quantum information by exploiting operational and information-theoretic approaches. Furthermore, the research group has applied these approaches 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 Postdoc position to a highly motivated and well-qualified scientist to work in the field of Quantum Foundations and Quantum Information Theory.

Your Tasks

- Theoretical research at the interface between quantum foundations, quantum information theory and gravitational physics
- Supporting the group leader in preparing project proposal
- 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, quantum information and gravitational physics
- 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

Our Offer

- A position in an innovative and internationally active environment crucial to success
- Numerous voluntary social benefits
- Flex time arrangement
- Opportunity to work independently and develop personally

The minimum annual gross salary for this position is EUR 70.167,44 (full-time based), in accordance with the collective agreement of the Austrian Academy of Sciences (ÖAW). For part-time employment, the salary will be adjusted on a pro rata basis in line with the agreed working hours.

APPLY NOW

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.

Contact

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Academy of Sciences | <https://www.oeaw.ac.at/>

The logo of the Austrian Academy of Sciences (ÖAW) is displayed in blue. It features the letters 'ÖAW' in a stylized font, with a horizontal line above the 'Ö' and another below the 'AW'.