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 Dr. Miguel Navascués.

For the last few years, the Navascués group has been investigating the feasibility of science fiction constructs, old and new, either by showing that they violate basic physical principles or by proposing actual experimental implementations.

For an overview of the research activities of the group, see [Navascues 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 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:**
- A PhD in physics, mathematics or computer science, or a document guaranteeing to receive one soon
- Experience in device-independent quantum information theory
- Experience in non-Markovian quantum processes

**Our offer:**
- Interesting field of activity in a dynamic environment
- Opportunity to work in a dynamic, international, cutting-edge research team
- Flextime arrangement
- Numerous social benefits for employees

We offer an annual gross salary of €56,861.00 according to the salary scheme of the Austrian Science Fund (FWF). Depending on qualification and experience, the salary can be negotiated.

Please send your applications including a detailed curriculum vitae including list of publications, a short research statement, a PhD certificate, or a document guaranteeing that a PhD title will soon be awarded and the electronic (email) contact details of at least two potential referees to applications-iqoqi@oeaw.ac.at and in cc to miguel.navascues@oeaw.ac.at (mentioning Job ID: IQOQIVIE121PD222) no later than September 22nd, 2022.

*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.*