

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) in the Superconducting Quantum Circuits Project Group

Job ID: IQOQIIBK128PD226

The Institute for Quantum Optics and Quantum Information Innsbruck (IQOQI-IBK) of the Austrian Academy of Sciences (OeAW), Austria` s leading non-university research and science

institution, dedicates its work to theoretical and experimental basic research in the areas of quantum science. IQOQI is pleased to invite applications for a position as

Postdoc (f/m/x) in the Superconducting Quantum Circuits Project Group
(full-time, 40 hours/week)

led by Professor Gerhard Kirchmair

Your Tasks

- Experimental research on magnetic field resilient quantum circuits
- Applying quantum sensing protocols to determine the properties of strange metals
- Supervise bachelor, master and PhD-students
- Supporting the group in administrative tasks
- Attendance of conferences and workshops
- Writing scientific publications

Your Profile

- Know-how of superconducting quantum circuits
- Experience in the design, fabrication and characterization of magnetic field resilient circuits
- Experience with measuring quantum hybrid systems e.g. mechanical or YIG systems coupled to circuits
- Nanofabrication experience for superconducting circuits
- Microwave signal measurement experience
- Experience with cryogenic systems
- Experience in supervising Master and PhD students

Our Offer

- Research on the forefront of quantum science
- A World class, stimulating research environment
- Possibility to work in a young and diverse team
- Numerous social benefits for employees
- A position in an innovative and internationally active environment crucial to success
- 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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