



ÖAW - Forschen für die Welt von morgen

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: IQOQIIBK023PD125

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

POSTDOC (F/M/X)

(Full-time employee)

for the project Dual-Species Rydberg Processors led by Prof. Hannes Bernien

Ihr Aufgabenbereich

- Performing experimental research on many-body physics and quantum information processing in a
- dual-species array of atoms coupled to Rydberg states
- Analysis of experimental results and writing scientific publications
- supervising of a diverse group of bachelor, master and PhD students
- Representing the group on conferences and workshops via poster presentations and talks
- Supporting the group in administrative tasks

Ihr Profil

- PhD degree in physics or adjacent discipline with excellent academic record
- Experience with carrying out quantum physics experiments on cold atoms, or solid state spins, or superconducting circuits, or trapped ions
- Practical experience of experimental techniques such as laser locking, experimental sequences, data analysis, electronics, mechanical design
- Experience in programming, open system simulations, quantum circuits
- Strong background in laser technology, quantum information theory
- Excellent verbal and written English skills
- Ability to work in a team and to present scientific results to the community

Unser Angebot

- Interesting field of activity in a dynamic environment

- Flextime arrangement
- Possibility to work in an innovative, international team
- Numerous social benefits for employees

We offer an annual gross salary of € 69.028,40 according to the collective agreement of the Austrian Academy of Sciences.

We invite you to send your application, including a letter of motivation, your curriculum vitae and certificates to iqoqi-ibk@oeaw.ac.at, mentioning Job ID: IQOQIIBK023PD125 no later than of April 10th, 2025. Applications are considered until the position is filled.

JETZT BEWERBEN

Die Österreichische Akademie der Wissenschaften (ÖAW) verfolgt eine diskriminierungsfreie Beschäftigungspolitik und legt Wert auf Chancengleichheit sowie Vielfalt. Insbesondere Personen aus unterrepräsentierten Gruppen werden ausdrücklich ermutigt, sich zu bewerben.

Kontakt

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