

Job ID: IQOQIIBK159PD124

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 POSITION (F/M/X)

(full-time, 40h per week)

in the [IQOQI research group](#) "Many-Body Quantum Optics", led by Prof. Hannes Pichler.

Main tasks:

- Work on theory of Rydberg atom array and their application for quantum simulation and quantum information processing tasks.
- Writing scientific publications
- Tutor bachelor, master and PhD-students
- Attendance of conferences and workshops
- Supporting the group in administrative tasks

Your profile:

- PhD degree in physics with demonstrated ability for excellent research
- Highly motivated researcher with strong interest in quantum science
- Strong background in quantum optics, quantum information and/or condensed matter physics (outstanding candidates with other backgrounds will also be considered)
- Excellent verbal and written English skills

Our offer:

- Research on the forefront of quantum science
- World class, stimulating research environment
- Possibility to work in a young, diverse team
- Flextime arrangement
- Numerous social benefits for employees

We offer an annual gross salary of € 66.501,40 according to the collective agreement of the Austrian Academy of Sciences.

We invite you to send your application, including a letter of motivation, contact details of at least two referees, your curriculum vitae and certificates to iqoqi-ibk@oeaw.ac.at, mentioning Job ID: IQOQIIBK159PD124. Applications are considered until the position is filled.

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.