Job ID: IQOQIIBK120PD122

The Institute for Quantum Optics and Quantum Information Innsbruck (IQOQI-IBK) of the Austrian Academy of Sciences (ÖeAW), 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*F)**
(full-time, 40h per week)

in the IQOQI research group “Quantum Optics and Quantum Information”, currently for a duration of 1 year.

**Your tasks:**
- The main topic of research is theoretical development of programmable quantum simulators with atomic platforms, an analysis of their application and perspectives in context of many-body quantum systems and high energy physics, also in close collaboration with experiment.

**Your profile:**
- Doctoral degree in theoretical physics with international PostDoc experience
- Expertise in quantum many-body physics, both equilibrium and nonequilibrium, physics of ultracold atomic and molecular gases, and quantum optics
- Excellent English skills
- Ability to work with experimental groups

**Our offer:**
- Interesting field of activity in a dynamic environment
- Flextime arrangement
- Possibility to work in an innovative team
- Numerous social benefits for employees

We offer an annual gross salary of € 56,861 before taxes, according to the salary scheme of the Austrian Science Fund (FWF). 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: IQOQIIBK120PD122 no later than September 15th, 2022. Applications are considered until the position is filled.

*The Austrian Academy of Sciences (ÖeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups are particularly encouraged to apply.*