

Job ID: IQOQIIBK079DOC121

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

2 PHD STUDENT POSITIONS (F*M)

(part-time, 30h per week)

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

Your tasks:

- Work on theory of quantum optical many-body systems and their application for quantum information processing tasks.
- Writing scientific publications
- Tutor bachelor and master students
- Attendance of conferences and workshops
- Supporting the group in administrative tasks

Your profile:

- Master's degree in physics with excellent academic records
- Highly motivated student 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
- Fulfillment of the official requirements for PhD students of the University of Innsbruck
<https://www.uibk.ac.at/studium/angebot/phd-physik/index.html.en>

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 € 31.326,40 based on the salary scheme 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: IQOQIIBK079DOC121 **no later than August 15, 2021**. Applications are considered until the positions are filled.

The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. The OeAW lays special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.