

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**.

Praedoc (Diss) (f/m/x) in the Few & Many-Body Quantum Theory Group

Job ID: IQOQIIBK125DOC126

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 two position as

Praedoc (Diss) (f/m/x)

in the IQOQI junior research group “Few & Many-Body Quantum Theory” led by Dr. Arthur Christianen.

Your Tasks

- Work on the theoretical description of few- and many-body phenomena in quantum matter, in platforms such as ultracold gases and two-dimensional semiconductors
- Contribute to writing scientific publications
- Tutoring bachelor and master students
- Attendance of conferences and workshops
- Supporting the group in administrative tasks

Your Profile

- M.Sc. in physics or related fields
- Strong background in quantum mechanics, quantum optics, quantum chemistry, atomic and molecular physics, condensed-matter physics, and/or many-body analytical and numerical techniques
- Ability to think, plan, and conduct research independently, as well as to work and cooperate with other group members and external collaborators
- Proficiency in English (both spoken and written)
- Strong social skills

Our Offer

- A position in an innovative and internationally active environment for cutting-edge research in quantum science
- Opportunity to work independently and develop personally

- Collaborations with international partners, including both theoretical and experimental colleagues

The minimum annual gross salary for this position is EUR 53.140,92 (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

IQOQI Innsbruck Personnel Team | personal-iqoqiibk@oeaw.ac.at
IQOQIIBK | 6020 Innsbruck, Austria
Österreichische Akademie der Wissenschaften | Austrian Academy of Sciences | https://www.oeaw.ac.at/