

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 Dipolar Quantum Gasses Group

Job ID: IQOQIIBK135DOC226

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 position as

Praedoc (Diss) (f/m/x) in the Dipolar Quantum Gasses Group

(part-time, 30h per week)

in the IQOQI research group "Dipolar Quantum gases" led by Prof. Francesca Ferlaino.

Your Tasks

- Work on an experiment with ultracold dipolar quantum gases and mixtures including regular maintenance, planning and implementing upgrades and extensions, performing measurements
- Analysis of experimental results and writing scientific publications
- Tutor bachelor and master students
- Representing the group on conferences and workshops via poster presentations and talks
- Supporting the group in administrative tasks

Your Profile

- Master's degree in physics
- Practical experience with experimental techniques used in cold atom and quantum gas experiments, especially laser and optical setups, vacuum technology, electronics
- Experimental know-how on cooling and trapping ultracold atoms and quantum-gas microscopy
- Experience in data analysis and theoretical modelling of physical systems
- Knowledge of the theoretical description of quantum systems in general and many-body systems in the context of ultracold dipolar quantum gases in specific
- Excellent verbal and written English skills
- Ability to work in a team and to present scientific results to the community
- Fullfillment of the official requirements for PhD students of the University of Innsbruck

Our Offer

- Interesting field of activity in a dynamic environment
- Flextime arrangement
- Possibility to work in an innovative team

Numerous social benefits for employees

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.

Applications are considered until the position is filled. Please note: in order to apply to this position, don't forget to upload the Transcript of records of Exams (Bachelor and Master). These documents are mandatory for applying in the Dipolar Quantum gases Group

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

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