



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**.



ACADEMY SCIENTIST (F/M/X) in experimental quantum physics

Job ID: IQOQIIBK012AS125

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 the position as

ACADEMY SCIENTIST (F/M/X) in experimental quantum physics zu besetzen.

(full-time)

with particular emphasis on dipolar quantum gases and mixtures, and Rydberg physics of multi-electron atoms. The dipolar quantum gas group at IQOQI investigates ultracold gases and mixtures of the strongly magnetic erbium and dysprosium atoms. Academy scientists generally work to the specifications of advanced scientists at the institute and are specialists in subject areas that are of great long-term importance in the research strategy of the group at which they work.

Your Tasks

- Active research on long-term scientific research projects on dipolar quantum mixtures and multi-electron atoms, ensuring continuity in strongly project-driven fields of work of the dipolar-quantum-gas group, provide documentation, and knowledge management.
- Original research publications in leading international journals and presentation in international conferences are expected.
- Fostering cooperation with other research groups at the institute.
- Support in the supervision of PhD students and Postdocs of the group.
- Supporting and taking part in academic administration and service.

Your Profile

- Completed doctorate (PhD) in Physics with special focus on experimental AMO physics.
- A minimum 2-years of experience in Postdoctoral research position in the field of ultracold quantum gases and related fields.
- Experience in experimental quantum-gas research at an internationally competitive level, in publishing results in internationally refereed journals of high quality, and in giving scientific presentations at international conferences and workshops.

- We are seeking independent, innovative, responsible and team-oriented candidates.
- Excellent communication skills in spoken and written English are mandatory.

Our Offer

We offer an international, ambitious environment for basic research-oriented candidates who want to perform cutting-edge research. We have a friendly and dynamic research environment and strong collaborations with many international academic partners. For this position we offer an annual gross salary of € 69.028,40, according on the collective agreement of the Austrian Academy of Sciences (OeAW). According to the career path of the OeAW, Academy Scientist can apply for tenure evaluation subject to the support of the director of the institute.

Please apply online including (1) a two-page curriculum vitae, (2) a list of publications, (3) statement of the past and current research experience (up to 2 pages), and (4) up to three names of references with the full contact information in a single PDF file via email to francesca.ferlaino@oeaw.ac.at. Applications will be reviewed on a rolling base, the appointment begins at the earliest possible date. Inquiries about the position should be directed to Univ. Prof. Francesca Ferlaino (francesca.ferlaino@oeaw.ac.at). Find more information at www.erbium.at.

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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