



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**.



Postdoc (f/m/x) in experimental exotic atom research

Job ID: MBI167PD125

The Austrian Academy of Sciences (OeAW), Austria's leading non-university research and science institution, is offering a Position as

Postdoc (f/m/x) in experimental exotic atom research

(Full-time employee)

(Office)

Your Tasks

- You will participate in running experiments on antihydrogen formation and hyperfine spectroscopy at CERN and positron beams at MBI and build up and execute new experiments at MBI, together with a group of graduate students and senior colleagues currently involved in the experiments
- supervision of students

Your Profile

- Ph.D. in experimental physics (preferably subatomic physics or a related field).
- Familiarity with the plasma aspects of trapped charged particles, positron and Positronium physics as well as with atomic scattering physics.
- Familiar with some of the following techniques: UHV and cryogenic techniques, Penning traps, detectors for charged particles like MCPs.
- Software skills are an asset, for instance for experiment control (LabView), simulation (Comsol or CST, Geant4) and data analysis (root, Python, C++)

Our Offer

- Interesting and diversified activities in a motivated team of physicists who cover a wide range of expertise from experiment design and construction, analysis and simulation, to theoretical physics.
- Inspiring working atmosphere: Join an international and interdisciplinary academic team!
- Opportunity to gain a profile as an independent scientist
- Possibility to work independently
- The MBI is situated in the city centre of Vienna and offers an excellent working environment.
- An annual gross salary of € 69.028,14 based of the Academy scheme.

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. The OeAW cooperates with NEBA and is a member of MyAbility in order to provide appropriate workplace structures, in particular for persons with disabilities.

Contact

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