

DEPARTMENT OF PHYSICS

University assistant with doctorate (m/f/d)

Application deadline: 22.08.2024

Salary Category: B1 with PhD

Salary per Year (Full Time): € 66,532.20

Employment Start: October 2024

Hours per week: 40 h/w

Duration of Contract: Temporary employment

Temporary Employment: 6 years



Franz Winter
Religious Studies Scholar



Gudrun Salmhofer
Science Manager



Philipp Spitzer
Chemistry Educator

Your Responsibilities

- Experimental research in the field of surface physics with a focus on the production and characterization of model surfaces consisting of thin oxide layers, organic monolayers, and supported metal clusters
- Supervision and maintenance of experimental ultra-high vacuum systems, in particular (low-temperature) scanning probe microscopes and photoemission spectroscopy systems
- Participation in existing research projects and development of new research projects in the field of organic/inorganic interfaces and model catalysis
- Familiarization with project-related scientific topics
- Participation in the application process for third-party funded projects

- Contributing to the composition and editing of scientific manuscripts
 - Contributions to scientific workshops and international conferences
 - Professional and organizational supervision of students (Bachelor/Master/PhD level)
 - Independent teaching of courses and conducting of examinations
 - Participation in organizational and administrative tasks as well as in evaluation measures
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Your Profile

- Completed doctorate/PhD in physics, ideally with a focus on surface science
 - Profound experimental and theoretical knowledge in the following fields: surface science, photoemission spectroscopy and orbital tomography, scanning probe microscopy and spectroscopy, organic monolayers, model catalysts
 - Proven international scientific track record
 - Excellent command of written and spoken English
 - Very good IT and programming skills
 - Drafting of applications for grant proposals
 - Didactic skills to contribute to teaching activities in experimental physics (lectures and lab courses)
 - High level of commitment and motivation for scientific work
 - High degree of personal responsibility and ability to cooperate
 - Strong teamwork and organizational skills
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We offer an annual gross salary of € 66,532.20 for a fulltime position.

We Offer

- **Meaning:** We offer meaningful work for the world of tomorrow.
- **Collaboration:** With us, you'll find interdisciplinary, cross-professional opportunities to work together.
- Our internal continuing **education program** is as colorful as the university itself.
- **Benefits:** Of course, there are all the usual benefits, from A "access to healthcare services" to Z "Zero emission goal".

- **Diversity:** Besides our various scientific fields and their related issues, we offer a working environment in which diversity is lived.
 - **Flexibility:** We demonstrate flexibility not only with the various working time models but also through the offers for the compatibility of family and career.
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About us

At the University of Graz, 4700 employees work together on future questions and solutions for the world of tomorrow. Our students and researchers face the great challenges of society and carry the knowledge out. We work for tomorrow. Become part of it!

Contact

Univ.-Prof. Dr. Martin Sterrer; martin.sterrer@uni-graz.at

[Institute Website](#)

The University of Graz strives to increase the proportion of women in particular in management and faculty positions and therefore encourages qualified women to apply. In the event of underrepresentation, women with equal qualifications are generally given priority for admission. We welcome applications from persons with disabilities who meet the requirements of the advertised position.

Please note that in order to comply with the applicable data protection regulations, we can only accept applications via our web-based applicant tool for this vacant position.

We work for tomorrow. Join us!

[APPLY NOW](#) →

University of Graz
Universitätsplatz 3, 8010 Graz

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