

## University Assistant without doctorate

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At the University of Graz, researchers and students work across a broad disciplinary spectrum to enlarge our knowledge, and find strategies to deal with challenges our society is confronted with and to shape tomorrow's world. The University of Graz is a place which combines high quality academic research and teaching, where achievement is rewarded, careers are promoted, and social diversity is encouraged – all within a modern, award-winning working environment. Our motto: We work for tomorrow. Join us!

The Institute of Physics is looking for a

### University Assistant without doctorate

(30 hours a week; fixed-term employment for the period of 4 years; position to be filled as of now )

#### Your duties

- Theoretical and experimental investigation of structured light interacting with nanomaterials exhibiting permittivities or refractive indices near zero (epsilon-near-zero; ENZ; zero-index-materials; ZIM)
- Study of underlying linear and nonlinear optical effects as well as potential applications of homogeneous or heterogeneous systems
- Participation in research tasks in the field of Optics of Nano and Quantum Materials
- Familiarization with project related scientific topics and literature
- Contributing to the composition and editing of scientific manuscripts
- Contributions to scientific workshops and international conferences
- Independent research activities in the field of Optics of Nano and Quantum Materials
- Writing of a dissertation
- Co-supervision of students
- Participation in teaching and examination duties
- Independent execution of courses and exams
- Participation in organisational and administrative tasks and evaluation measures

#### Your profile

- Completed master's or diploma degree in physics
- Excellent command of written and spoken English (level B2 or better)
- Scientific curiosity and creativity
- Basic knowledge of the concepts and the experimental methods of Optics of Nano and Quantum Materials
- Basic knowledge of the experimental, theoretical and numerical methods of nano-optics
- Self-initiative
- Independent and goal-oriented way of working
- Intercultural competence and ability to work in a team
- Didactic skills for independent teaching

#### Our offer

##### Classification

Salary scheme of the Universitäten-KV (University Collective Agreement): B1

##### Minimum salary

The minimum salary as stated in the collective agreement and according to the classification scheme is EUR 2196,80 gross/month. This minimum salary may be higher due to previous employment periods eligible for inclusion and other earnings and remunerations.

Application Deadline: **September 2<sup>nd</sup> 2020**

Reference Number: **MB/213/99 ex 2019/20**

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.

Especially with regard to academic staff, we welcome applications from persons with disabilities who meet the requirements of the advertised position.

If you are interested, please submit your application documents (CV, certificates, etc.) indicating the reference number before the stated deadline. Make sure to indicate the reference number on your application and please send your CV and photo to:

[bewerbung@uni-graz.at](mailto:bewerbung@uni-graz.at)

#### Travel costs

Travel costs that arise in relation with the selection process will not be replaced by the University of Graz.

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