



Paderborn University is a high-performance and internationally oriented university. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our employees in research, teaching, technology and administration a lively, family-friendly and equal opportunity environment, a lean management structure and diverse opportunities. **Join us to invent the future!**

In the **Faculty of Science at the Department of Physics – Theoretical Materials Physics** – the following position is to be filled as soon as possible

## Research Assistant (f/m/d)

(Salary level according to 13 TV-L)

with 75 % of the regular working hours. This is a qualification position within the meaning of the German Act on Fixed-Term Research Employment Contracts for Academic Staff (Wissenschaftszeitvertragsgesetz “WissZeitVG”), which serves to promote a doctoral procedure in the field of theoretical materials physics. The position is, depending on the qualification achieved to date, initially limited for a period of three years.

### Duties and responsibilities:

The advertised position involves the theoretical and numerical modelling of bismuth surfaces in close collaboration with an experimental group in the Department of Chemistry. The aim is to use atomistic simulations to develop a fundamental understanding of the adsorption, structure, defect formation and spectroscopic signatures of organically functionalized bismuth electrodes.

### Recruitment requirements:

- A completed or nearly completed Master's degree in Physics, Chemistry, Materials Science or a related field
- In-depth knowledge of atomistic simulation methods, such as density functional theory
- Teaching duties amounting to approximately 3 contact hours per week

### We offer:

- Flexible working hours and the individual option of mobile working
- Wide range of health, counseling and prevention services
- Attractive fringe benefits such as childcare facilities and sports activities
- Opportunities for internal and external training and development
- Additional benefits in accordance with the collective agreement of the federal states (TV-L), such as annual bonuses and capital-forming benefits as well as the VBL supplementary pension scheme

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to state law (LGG), unless there are preponderant reasons to give preference to another applicant. Part-time employment is generally possible. Applications from disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with the German social law SGB IX.

Please send your application documents (preferably in a single pdf file) using the **Ref. No. 7251** to [simone.lange@upb.de](mailto:simone.lange@upb.de).

Information regarding the processing of your personal data can be located at:  
<https://www.uni-paderborn.de/en/zv/personal Datenschutz>.

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HR EXCELLENCE IN RESEARCH

