



Advertisement W 55/2019

At the University of Rostock, Faculty of Mathematics and Natural Science, Institute of Physics, subject to budgetary regulations, applications are invited for the position starting December 1, 2019 for three years.

Doctoral Researcher (m/f/d)

(EG 13 TV-L, Part-time employment 50%, limited for 3 years, qualification spot)

Task area:

Excitations and their propagation in nanoparticles-molecule aggregate architectures studied by photoemission electron microscopy and spectroscopy:

- construction of suitable structure landscapes on surfaces, with the aid of self-assembly, and nano- and micromanipulation
- spectroscopic mapping of state populations and energies at joints of the arranged structure elements
- extension towards a pump probe scheme and analysis of the migration of excitations along pathways of structure

Requirements:

- University degree in physics or nanosciences (Master or similar)
- interest in interdisciplinary themes, e.g. interaction of live cells with surface structures
- knowledge of the basics of experimental solid-state physics, especially of interfaces, nanostructures, scanning probes and photoemission electron microscopy
- good knowledge of the German and English language
- willingness to work seriously and actively on a project of one's own scientific qualification is expected (PhD)

We offer:

- a multi-faceted, diverse and challenging occupation in a university which is rich in tradition but at the same time innovative, modern and family –friendly, being situated in a lively city at the Baltic Sea
- employment in accordance with the provisions of the public sector's wage agreement (TV-L, MV)
- the possibility to accomplish a PhD degree
- the salary will be paid according 13 TV-L/13 Ü if the personal and tariff prerequisites are fulfilled

Weitere Hinweise

The limitation of the term of employment complies with § 2 (1) WissZeitVG.

The University of Rostock is committed to its university leadership guidelines.

Equal opportunity is an essential part of our human resources policy. In case of equal qualification, applications from severely disable people or equivalent are explicitly welcome. The University of Rostock seeks to increase the proportion of women in research and teaching and particularly encourages female applicants to apply for this position. Applications from foreign scientist and people with migration background are appreciated.

On Request, the Personnel Council can be brought in. Please submit a formless motion to your application documents.

We are looking forward to your application. Please send your informative documents until **August 31, 2019** with the email subject „**Advertisement W 55/2019 – last name, first name**“ to bewerbungen.personal@uni-rostock.de. Only applications, which are send to this email-address, in time and as one single pdf-document, will be included in the selection process. The protection of your personal data is very important to us. Therefore, your data collected as part of the application process are collected, processed and used in accordance with the relevant data protection rules. We point out, however, that the transmission of your email to us is unencrypted.

Please note that the Federal State of Mecklenburg-Vorpommern does not reimburse application and travel costs.

For further questions, please contact:

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Administration	Kati Barth, phone 0381-498-1312