



Advertisement W 58/2019

The University of Rostock, Faculty of Mathematics and Natural Sciences, Institute of Physics, Group Physics of Surfaces and Interfaces, subject to budgetary regulations, invites applications for

Doctoral Researcher (m/f/d)
(pay scheme TV-L E13, part-time employment with 20 hours/week, starting 01.11.2019, for 3 years, qualification spot)

Task area:

AFM based optical near-field mapping of transitions in molecular aggregate structures in local light landscapes:

- preparation of structured metallic and glass samples and the mapping of optical near fields thereon
- nanoscopic luminescence mapping on molecular aggregate structures
- study of interaction between near field spots and excitations in molecular aggregates

Expected appointment 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 nano/micro-manipulation
- good knowledge of the German or 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

Further information

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 disabled 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 58/2019**“ 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:

Group leader	Prof. Dr. Sylvia Speller, phone: 0381 498-6980
Administration	Kati Barth, phone 0381-498-1312