



Advertisement D 136-18

At the University of Rostock, Faculty of Computer Science and Electrical Engineering, Chair of Electromagnetic Field Theory, applications are invited for the position of a

Scientist (*gn)

(pay scheme TV-L E13, part-time 30 hours per week, start as soon as possible, duration: until 30.06.2021)

Remit:

Working on the research project "Design of a quadrupole resonator for the exact determination of high-frequency properties of metallic material samples".

By means of the quadrupole resonator, the high-frequency properties of metallic material samples should be determined as accurately as possible. Such kind of resonators already exist and thus the basic design is at hand, however, a higher measurement accuracy is desirable. The design studies should also take metrological uncertainties into account. This BMBF joint project is being carried out in close cooperation with the University of Hamburg, DESY in Hamburg and the Helmholtz Center Berlin (HZB).

The results of the research will be presented in the form of presentations, and documented in the form of reports and publications.

Requirements:

- completed academic studies (master, diploma or comparable degree) in electrical engineering, physics, Computational Science and Engineering or mathematics
- excellent command of the English language
- good knowledge on numerical methods
- programming skills in MATLAB oder Python
- good knowledge of electromagnetic simulation tools such as CST STUDIO SUITE® or COMSOL Multiphysics® are desirable

We offer:

- a multi-faceted, diverse and challenging occupation in a university that 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)
- part-time employment
- the remuneration will be paid in accordance with remuneration group 13 TV-L if the personal and tariff prerequisites are satisfied

Further information

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

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

Equal opportunities is an integral part of our human resources policy. The job posting is therefore addressed to all persons irrespective of their gender (*gender-neutral). Applications for suitable severely handicapped or equal persons are welcome. The University of Rostock aims to increase the proportion of women in research and teaching and therefore invites qualified women to apply. We welcome applications from people of other nationalities or with a migration background.

The Staff Council can be used on request. Please attach an informal application to your application documents.

We look forward to your e-mail application with informative documents, which you please send to bewerbungen.personal@uni-rostock.de at the latest **05.10.2018** with an indication of the above-mentioned job number (with the e-mail address and telephone number). Only applications that enter in PDF format as one file will be considered. The protection of your personal data is very important to us. Therefore, the data collected in the course of the application process are collected, processed and used in accordance with the relevant data protection regulations.

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	Mrs. Franziska Lobe, Tel. +49 381 498 1291