



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research Assistant (PostDoc) - salary grade 13 TV-L Berliner Hochschulen

part-time employment may be possible

Faculty II - Institute of Optics and Atomic Physics

Reference number: II-61/17 (starting at the earliest possible / for 36 months / closing date for applications 10/03/17)

Working field: Within the framework of the Berlin Electron Microscopy Network (BerlinEM Network, mutual DFG project of HU Berlin and TU Berlin), we are looking for a postdoc as full-time job within the project from 1/1/2017 until 31/12/2019. The postdoc performs TEM based electron holography experiments and corresponding data reconstructions for mapping electrostatic potentials of semiconductors, experiments using potential contrast in a SEM, as well as coordination and execution of user requests and establishing scientific links for (holographic) investigations of semiconductor samples by the BerlinEM Network. Experiments will be carried out using our state-of-the-art electron microscopes.

Requirements: Successful candidates must have completed a university degree (Diplom, Master, or equivalent) and PhD degree on physics or material sciences. Expertise in the above-mentioned scientific areas (especially electron microscopy and semiconductor characterization) is required as well as skills and competences in organization and maintaining scientific networks. A good knowledge of English, and at least on a basic level German, are mandatory. More information can be obtained from Prof. Michael Lehmann (phone: +49 (0)30 314-23585).

Please send your **written** application with the **reference number** and the usual documents to Technische Universität Berlin - Der Präsident - **Fakultät II, Institut für Optik und Atomare Physik, Prof. Dr. Lehmann, Sekr. ER 1-1, Straße des 17. Juni 135, 10623 Berlin, Germany**. Applications by email cannot be considered

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored.

Please send copies only. Original documents will not be returned

The vacancy is also available on the internet at
<http://www.personalabteilung.tu-berlin.de/menue/jobs/>

