



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research assistant - salary grade E 13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)

part-time employment may be possible

Faculty IV - Institute of Energy and Automation Technology / Power Electronics

Reference number: IV-106/25 (starting at 01/04/25 / for 5 years / closing date for applications 04/04/25)

Working field:

- Research on power electronic solutions for converter dominated power grids using simulation, test setups and PHIL techniques
- Further development of the power electronics laboratory setups
- Teaching tasks in the course "Grundlagen der Elektrotechnik" (Fundamentals of Electrical Engineering) as well as in the bachelor and master courses on power electronics;
- Supervision of students
- Participation in the project work at the Chair of Power Electronics

Requirements:

- Successfully completed university degree (Master, Diplom or equivalent) with very good success in electrical engineering
- Very good technical knowledge of power electronics and control engineering, knowledge of electric energy systems
- Experience in electronics and power electronics hardware development and measurement technology
- The ability to teach in German and/or English is required; willingness to acquire the missing language skills

Desieable:

- Experience in microcontroller programming
- Organizational skills and the ability to work independently in a scientific manner
- Teaching experience
- Enjoy supervising students

Please send your application with the **reference number** and the usual documents including language certificates by e-mail to Prof. Dr. Sibylle Dieckerhoff (sekr@pe.tu-berlin.de).

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guarantee for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/ .

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. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

Technische Universität Berlin - Die Präsidentin - Fakultät IV, Institut für Energie- und Automatisierungstechnik, FG Leistungselektronik, Prof. Dr.-Ing. Sibylle Dieckerhoff, Sekr. E 2, Einsteinufer 19, 10587 Berlin

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

