



Technische Universität Berlin



Research Assistant - salary grade E13 TV-L Berliner Hochschulen- 1st qualification phase (PhD candidate)

part-time employment may be possible

Faculty IV - Electrical Engineering and Computer Science, Institute of Energy and Automation Technology Chair of Electronic Measurement and Diagnostic Technology

Reference number: IV-488/25 (starting at 01/01/26 / for 5 years / closing date for applications 21/11/25)

Your responsibility:

In teaching, bachelor's and master's students of electrical engineering, computer engineering, and automotive systems are supervised in the areas of electronic measurement technology, automotive electronics, simulation, and technical diagnostics. In research, new methods of machine learning and data-based/model-supported measurement technology for diagnosis and prognosis are to be investigated for mechatronic systems (e.g., electric motors).

Your profile:

- Successfully completed academic university degree (master's, diploma, or equivalent) in electrical engineering, technical computer science, automotive systems, mechatronics, physical engineering, or computational engineering science
- The ability to teach in German and/or English is required; willingness to acquire the missing language skills
- Good to very good knowledge of measurement technology, technical diagnostics, signal processing, modeling and simulation, electronics, programming in Python, C, and MATLAB, machine learning desirable

How to apply:

Please send your complete application with the **reference number** and the usual documents (combined in a single pdf file, max. 5 MB) by email to ewa.heinze@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 guaranty 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/menu/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.

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

