



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research Assistant - 0.6 working time - salary grade E13 TV-L Berliner Hochschulen

under the reserve that funds are granted

Faculty III - Institute of Chemical and Process Engineering / Energy, Comfort & Health in Buildings

Reference number: III-565/22 (starting at 01/01/23 / until 31/05/26 / closing date for applications 07/10/22)

Working field: Collaboration in the research project N5GEH-TWE-Flex (EnOB: N5GEH TWE-Flex Service - Optimization and flexibilization of generation systems for hot water production).

Within the project N5GEH-TWE-Flex a new concept for data acquisition for drinking water systems is developed and tested in practice. The aim is to achieve a better control of heat generators and thus to contribute significantly to the reduction of CO₂.

Requirements:

- successfully completed university studies (diploma, master or equivalent)
- knowledge in the field of building services engineering, energy and process engineering, mechanical engineering with a focus on building energy technology
- in-depth knowledge in the aforementioned focus, evidenced by theses and/or the completion of a research project for at least one year and/or at least one year of professional experience in each case in the field of building and ventilation technology

Please address your in-depth knowledge in your application!

desirable qualification:

- in-depth knowledge of building automation/control systems
- experience conducting experiments and/or simulations in heating and ventilation systems
- professional experience outside of academia, and programming skills
- very good PC skills (hardware and software)
- ability to work in a team and to organize
- very good knowledge of written and spoken German and good knowledge of English ; willingness to learn the language skills that are missing in each case
- flexibility; interest in new challenges

In your application, please indicate which necessary requirements you have acquired so far and give an example of each.

More information can be obtained from Prof. Dr. Martin Kriegel (Tel.: +49 (0)30 314 – 24170, Mail: kontakt@hri.tu-berlin.de).

Please send your application with the **reference number** and the usual documents (in a single pdf file, max. 5 MB) **by email** to Prof. Dr. Martin Kriegel kontakt@hri.tu-berlin.de or **by mail** to **Technischen Universität Berlin - Die Präsidentin - Fakultät III, Institut für Energietechnik, FG Energie, Komfort und Gesundheit in Gebäuden, Prof. Dr. Martin Kriegel, Sekr. HL 45, Marchstr. 4, 10587 Berlin**

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/ or quick access 214041.

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.

For cost reasons, the application documents will not be returned. Please submit copies only.

Technische Universität Berlin - Die Präsidentin - , **Fakultät III, Institut für Energietechnik, FG Energie, Komfort und Gesundheit in Gebäuden, Prof. Dr. Martin Kriegel, Sekr. HL 45, Marchstr. 4, 10587 Berlin**

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

