



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research Assistant - salary grade E13 TV-L Berliner Hochschulen

under the reserve that funds are granted - part-time employment may be possible

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

Reference number: III-385/22 (starting at the earliest possible / for a period of 2 years / closing date for applications 01/07/22)

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 degree (Master, Diplom or equivalent) in a suitable discipline.

We are looking for a person with 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 previously mentioned areas of focus should be demonstrated by final 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 services engineering and ventilation and air-conditioning technology. Please address your in-depth knowledge in your application.

Desirable:

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; willingness to learn the language skills that are missing in each case.
- Flexibility; interest in new challenges
- Good knowledge of English

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 unter kontakt@hri.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/ 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.

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/>

