Technische Universität Berlin offers an open position:

**Research Assistant - salary grade E13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)**
part-time employment may be possible

**Faculty III - Institute of Energy Engineering / Building Energy Systems**

*Reference number: III-235/20 (starting at the earliest possible / for a period of max. 5 years / closing date for applications 08/05/20)*

**Working field:** Collaboration in the field of building energy systems in teaching, administration and research:

**Teaching:**
Supervision of courses and exercises in the area of the department's main focus; supervision of Bachelor and Master theses

**Administration:**
Participation in the general organisation of the department, independent project management, leading a team, participation in project acquisition

**Research:**
Focus: Indoor air flows (experimental and numerical flow simulations), dispersion of airborne contamination in indoor spaces

**Requirements:**
- successfully completed university degree (Master, Diplom or equivalent) in the field of building energy engineering, energy and process engineering; mechanical engineering, fluid mechanics or equivalent with a focus on the field of ventilation and air-conditioning technology and indoor air flows
- experience in the supervision and implementation of courses in the above-mentioned fields of activity
- in-depth knowledge at scientific level in the above-mentioned research areas, proven by working on at least one research project
- very good knowledge of the use of measurement technology and flow simulation software for the research area
- experience in the supervision and implementation of courses in the above-mentioned fields of activity
- team and project management, organizational skills
- good knowledge of German and English, both written and spoken, willingness to learn the language skills that are missing in each case

**Desirable:**
- participation in project acquisition
- management of a team of researchers
- experience outside the university
- flexibility, interest in new challenges

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

Please send your **written** application with the **reference number** and the usual documents to Technische Universität Berlin - Der Präsident - Fakultät III, Institut für Energietechnik, FG Gebäudeenergiesysteme, Prof. Dr. Martin Kriegel, Sekr. HL 45, Marchstr. 4, 10587 Berlin or by e-mail to kontakt@hri.tu-berlin.de.

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.

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/