



The **Department of Fire Safety** at the Institute for Building Materials, Concrete Construction and Fire Safety of the **TU Braunschweig** is looking for a

Research* Assistant (m/f/d)

(full-time, temporary)

Our profile:

Technische Universität Braunschweig, with almost 18,000 students and approximately 3,800 employees, offers a teaching and research spectrum with excellent facilities and a personal atmosphere at the same time. The Institute for Building Materials, Concrete Construction and Fire Safety (iBMB) is part of the Faculty of Architecture, Civil Engineering and Environmental Sciences at the TU Braunschweig. It is a joint institute of four departments: Building Materials, Concrete Construction, Fire Safety, and Organic Building Materials and Wood Materials.

Your responsibilities:

- Conducting fire tests in the new Center for Fire Research (ZeBra),
- Development of a method for data description and documentation of fire parameters,
- Application and further development of fire simulation models such as the Fire Dynamic Simulator (FDS),
- Contribution in teaching of students,
- Scientific publications and lectures in the field of the department's activities,
- Preparing of research proposals.

Your profile:

- Completed scientific university degree in fire safety engineering, natural sciences, engineering or comparable
- Interest in conducting experimental investigations
- Knowledge and experience in the use of fire simulation programs
- Ability to work in a team, creativity, analytical thinking as well as independent, result-oriented way of, good English and German skills

Our offer:

The position is to be filled at the earliest possible date and is initially limited to 2 years with the possibility of extension. The employment relationship is based on the German TV-L; the payment is according to the qualification and fulfillment of personal requirements up to pay group E13 TV-L. The opportunity for doctoral thesis is given.

TU Braunschweig strives in all areas and positions to reduce underrepresentation in the sense of the Lower Saxony Equal Right Act (NGG). Therefore, applications from women are particularly welcome. Severely handicapped persons are preferred in case of equal suitability. Proof must be enclosed. Applications from people of all nationalities are welcome. Personal data will be stored for the purpose of conducting the application process.

Please send your **online application** with the usual documents until **24th june 2022** to:

Technische Universität Braunschweig
iBMB, Fachgebiet Brandschutz
Herrn Univ.-Prof. Dr.-Ing. Jochen Zehfuß
Beethovenstraße 52
38106 Braunschweig
J.Zehfuss@ibmb.tu-bs.de

Application costs cannot be reimbursed.

For initial information, please contact Univ.-Prof. Dr.-Ing. Jochen Zehfuß (J.Zehfuss@ibmb.tu-bs.de). Information about the iBMB can also be found at <http://www.ibmb.tu-bs.de>.