



The **Department of Architecture, Civil Engineering and Environmental Sciences** is seeking to appoint a

W3 Professorship in Mechanics (m/f/d)

to start as soon as possible.

We are looking for an internationally recognized researcher with demonstrated excellence through high-ranking publications and comprehensive knowledge of mathematical modelling and numerical simulation of mechanical systems and innovative materials potentially addressing applications in civil and environmental engineering. In addition to a very good degree in natural sciences, mathematics or engineering, an outstanding doctorate, didactic experience in university-level teaching and very good English language skills are expected.

The professorship is expected to strengthen the University's research focus *Future City* and cooperate closely with the institutes of the department and the members of the MUSEN Centre in current and future joint projects. In research-oriented teaching, the professorship will actively participate in the Bachelor and Master degree programmes of the department. Experience in the acquisition of third-party funding (in particular DFG) is assumed, as is willingness to participate in academic self-administration.

With nearly 20,000 students and 3,700 staff members, Technische Universität Braunschweig is the largest Institute of Technology in Northern Germany. It stands for a strategic and achievement-oriented way of thinking and acting, relevant research, exceptional teaching and the successful transfer of knowledge and technologies to industry and society. We consistently advocate family friendliness and equal opportunities.

We focus our research on mobility, infections and therapeutics, metrology, and future city. Our core disciplines include a comprehensive engineering branch and a strong natural sciences branch, closely linked with business sciences, social sciences, humanities and educational sciences.

Our campus is located at the heart of one of Europe's most active research regions. We cooperate closely and successfully with more than 20 research institutions right on our doorstep and maintain strong relationships with our partner universities all over the world.

The requirements of the position are defined in Section 25 of the Lower Saxony Higher Education Act (Niedersächsisches Hochschulgesetz).

At TU Braunschweig, we aim to increase the share of women in academic positions and therefore particularly welcome applications from women. Where candidates have equivalent qualifications, preference will be given to female candidates. Applications from international scientists are welcome. A part-time appointment may be possible on request.

Applicants who are 50 years or older at the time the appointment commences and who have not acquired permanent civil servant status (Beamtenverhältnis auf Lebenszeit) will be employed with employee status (Angestelltenverhältnis). Where candidates have the same qualifications, preference will be given to disabled candidates.

For more information, please contact the chair of the Appointments Committee, Prof. Dr.-Ing. Jochen Zehfuß, Tel. +49 (0) 531 391-5441.

Please submit your application to the Dean of the Department of Architecture, Civil Engineering and Environmental Sciences Prof. Dr.-Ing. Bernhard Friedrich, Geschäftsstelle der Fakultät 3, TU Braunschweig, Katharinenstraße 3, 38106 Braunschweig, to arrive by March 16th 2020. In addition the same documents should be uploaded as password-protected PDF archive file. Please follow the link: www.tu-braunschweig.de/abu/berufungen