



The Faculty of **Electrical Engineering, Information Technology, Physics** of the **Technische Universität Braunschweig** invites applications for a

**Junior Professor (m/f/d) in “Urban Geophysics”
(W1 with Tenure Track W2)**

funded by the Tenure Track Programme of the German Federal Government and the Federal States (“WISNA”) to start as soon as possible.

The junior professorship will be established at the Institute of Geophysics and Extraterrestrial Physics. The successful candidate shall teach geophysics at all undergraduate levels. In research, we expect candidates to work in the field of Urban Geophysics. The professor shall develop and apply methods for the non-destructive evaluation of the subsurface in urban environments. A specialisation in wave-based methods (seismics or ground-penetrating radar) is desired.

The appointed professor has a proven history of relevant research, successful acquisition of third-party funds, and an excellent publication record. We expect that the appointee will actively engage in the core research area “future city” at TU Braunschweig, and use the cooperation network to participate in collaborative research projects. We assume that the candidate is ready to offer lectures in English language.

Applicants to this position must hold a doctoral degree with above average grade and provide proof of their teaching experience and ability. The applicant shall have excellent research competency from university or industry, shown e.g. by excellent publications, successful applications for research grants and experience in international co-operations. International experience in lecturing as well as ability and willingness to teach in English language is explicitly appreciated.

The junior professor’s initial appointment is limited to three years. After a positive evaluation, the appointment will be extended by three more years. In accordance with the tenure track statutes of TU Braunschweig, the appointment will be tenured at the level W2 after a positive final evaluation. The requirements of the position are defined in Section 30 of the Lower Saxony Higher Education Act (Niedersächsisches Hochschulgesetz). Candidates at an early stage in their careers can apply. The Ph.D. examination should be passed within the last four years.

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.

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. Where candidates have the same qualifications, preference will be given to disabled candidates.

For more information, please contact the Head of the Appointment Committee, Prof. Dr. Stefanie Kroker, Tel. 49 (0) 531 391-8529.

Please send your written application until **2020-July-15th** indicating the reference number **2020_f5_W002** and including the appropriate documentation (pdf-file, max. 50 MB, curriculum vitae, copies of grades and titles, list of publications and lecture courses, list of third-party funds acquired with project identification or industrial project responsibilities and a brief description of the research and teaching concept) by e-mail to **berufungen@tu-braunschweig.de** (addressed to TU Braunschweig, Dean of the Department of Electrical Engineering, Information Technology, Physics, **Prof. Dr.-Ing. Michael Kurrat**, Hans-Sommer-Str. 66, 38106 Braunschweig).

By submitting your application documents electronically, you consent to their digital storage and processing for the application process.