

TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TU Dresden embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

At the **Faculty of Civil Engineering**, the **Institute of Structural Analysis** invites applications for the

Chair (W3) of Structural Analysis

to be filled as of **April 1, 2027**.

You (m/f/x) will represent the scientific fields of statics and dynamics in civil engineering in research and teaching. Teaching responsibilities will primarily extend to the diploma program in Civil Engineering including the distance learning program in Civil Engineering as well as the international, English-language master's program Advanced Computational and Civil Engineering Structural Studies (ACCESS). They cover the contents of the chair in accordance with the current study regulations of the Faculty of Civil Engineering and should cover the fundamentals of statics and structural analysis, advanced structural analysis, structures under extreme loads, dynamics, data-driven structural analysis, energy methods and FEM and numerical methods in dynamics. The possibility of experimental research in cooperation with other institutes is given. The possibility of experimental research in cooperation with other institutes is given. A willingness to cooperate with other chairs of the Faculty of Civil Engineering or other faculties at TU Dresden is essential. Cooperation with non-university research institutions in the vicinity of TU Dresden is desired. Participation in academic self-administration and the willingness to teach in English are required.

You have long and proven basic research experience in the field of numerical methods in mechanics, statics and dynamics. Practical experience in the field of statics and dynamics of structures is an advantage. Additionally, we expect that third-party funding from federal (DFG, BMBF, etc.) or EU funding has been and will be raised. Concerning research, you should prove your ability to conduct academic research, among other things, by a respective publication record. The requirements for appointment, the official duties and the administrative status are governed by §§ 59, 69, 71 of the Institutions of Higher Education Act in the Free State of Saxony (SächsHSG) and the Regulations on Duties and Responsibilities of Institutes of Higher Education (HSDAVO).

If you have further questions, do not hesitate to contact the head of the appointment committee, Prof. Dr.-Ing. Stefan Löhnert, phone: +49 351 463-43231; email: stefan.loehnert@tu-dresden.de.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university and offers a Dual Career

Service. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment. If you have any questions about these topics, please contact the Equal Opportunities Officer of the Faculty of Civil Engineering (Dr.-Ing. Sabine Damme-Lugenheim, phone: +49 351 463-32023, e-mail: gleichstellung.biw@mailbox.tu-dresden.de) and our Representative of Employees with Disabilities (Mr. Roberto Lemmrich, phone: +49 351 463-33175 e-mail: schwerbehindertenvertretung@tu-dresden.de).

We look forward to receiving your application by **September 11, 2025** (time stamp on the email server or the stamped arrival date of the university central mail service of TU Dresden applies).

Please attach the following documents to your letter of application: a curriculum vitae in tabular form, a description of your academic career, a list of academic papers, a list of courses held to date and third-party funded projects, teaching evaluation results (if available), teaching and research concept (by invitation only) and a copy of the certificate for the highest academic degree.

We kindly ask you to submit your application by email. Please use the SecureMail Portal of TUD (<https://securemail.tu-dresden.de>) and send your documents in a single PDF document to: dekanat.biw@tu-dresden.de. If you are applying by regular mail, please also attach your application documents in electronic form (CD or USB thumb drive) and send them to: **TU Dresden, Fakultät Bauingenieurwesen, Institut für Mechanik und Flächentragwerke, Herrn Prof. Dr.-Ing. Stefan Löhnert, Helmholtzstr. 10, 01069 Dresden, Germany.**

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: <https://tu-dresden.de/karriere/datenschutzhinweis>.