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. TUD 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 Concrete Structures** invites applications for the

DB InfraGO AG – Endowed Chair (W3) of Civil Engineering

to be filled as of **April 1, 2026**.

The endowed chair is intended to raise the profile of a scientific field at TUD that makes an important contribution to the future viability of infrastructure and, in particular, to the sustainable and resource-efficient maintenance and further development of bridge structures. In addition, the interdisciplinary cooperation between the Faculty of Civil Engineering and the Faculty of Transport and Traffic Sciences is to be strengthened. The founder of the endowed chair, DB InfraGo, wishes to actively support the work of the endowed chair through joint research activities. The obtained research results are to be implemented as directly as possible in DB InfraGo's practical projects. Upon the expiration of the funding period on September 30, 2036, the endowed chair at TUD will be continued as a full professorship (W3).

We seek applicants (m/f/x) who are committed to representing the scientific fields of structural engineering and bridge construction in research and teaching. In addition, you will be involved in the management of the Institute of Concrete Structures and lead several research groups in the field of structural engineering. In teaching, you will primarily be involved in the diploma degree program in Civil Engineering, including the distance learning program in Civil Engineering, as well as the English-language Master's degree program in Advanced Computational and Civil Engineering Structural Studies (ACCESS). Due to the research orientation of the endowed chair, the teaching obligation is set at two semester hours per week within the first five years. You will have the opportunity to use the very well-equipped Otto Mohr Laboratory to carry out experimental studies. We expect you to successfully acquire third-party funding from state, federal (DFG, BMBF, etc.) or EU funding as well as from industry. We attach particular importance to your willingness to cooperate with other chairs of the Faculty of Civil Engineering and other faculties of TUD and at the same time we would like to see close cooperation with non-university research institutions in the vicinity of TUD. We expect you to participate in academic self-administration and to be willing to teach in German and English.

We are looking for an outstanding personality with excellent scientific and practical qualifications as well as national and international networking, who is particularly qualified in the following areas:

- design of bridges and engineering structures, in particular concrete structures, in new and existing buildings and
- evaluation of existing infrastructure structures by means of recalculation, experimental investigations, diagnostics and monitoring.

Your profile is characterized by

- scientific excellence, proven by relevant national and international scientific publications as well as acquisition of third-party funding and participation in research projects,
- relevant practical experience, proven by at least three years of active work outside a university/research institution in the design and/or execution of demanding bridge construction projects, in particular also in the maintenance of reinforced and prestressed concrete bridges
- experience in teaching structural engineering, proven by teaching assignments or teaching evaluations and
- very good knowledge of German and English.

Furthermore, the following is desired

- leadership skills, acquired through several years as a manager and experience in team development,
- active participation in standardization committees or other technical committees,
- knowledge of railroad construction, in particular of special features of railroad operations and
- experience in academic self-administration.

A successfully completed degree in civil engineering (Diplom, Master) is a prerequisite. In addition to the general requirements, the requirements for appointment, official duties and administrative status are governed by §§ 59, 69, 71 of the Institutions of Higher Education Act (SächsHSG) and the Regulations on Duties and Responsibilities of Institutes of Higher Education (HSDAVO).

For further questions, please contact the head of the appointment committee, Prof. Dr.-Ing. Viktor Mechtcherine, Tel. +49 351 463-36311; E-Mail: viktor.mechtcherine@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 Deputy Equal Opportunities Officer of the Faculty of Civil Engineering (Dr.-Ing. Sabine Damme-Lugenheim, +49 351 463-32023, email: gleichstellung.biw@mailbox.tudresden.de) or the Representative of Employees with Disabilities (Mr. Roberto Lemmrich, +49 351 463-33175, email: schwerbehindertenvertretung@tu-dresden.de).

We look forward to receiving your application by **December 15, 2025** (time stamp on the email server or the stamped arrival date of the university central mail service of TUD applies).
Please attach the following documents to your letter of application: a CV in tabular form, description of your scientific career, list of publications, including your five most important publications (full text), list of teaching activities and successfully acquired third-party funded, teaching and research concept, teaching evaluation results (preferably of the last three years) as well as a copy of the certificate of 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 **concrete.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 Baustoffe, Herrn Prof. Dr.-Ing. Viktor Mechtcherine, 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.