As part of the Federal-State-Programme of funding of young scientists (Tenure Track Programme),
the Institute of Concrete Structures at the Faculty of Civil Engineering, invites applications for
the

Chair (W2) of Carbon Concrete
(with tenure track to W2)

initially limited to a six-year contract, to be filled as soon as possible.

In being appointed to the chair, evaluation criteria will be mutually agreed upon, which will be
evaluated by a TU Dresden evaluation commission at the latest in the fifth year of the chair.

Essential elements of the evaluations will be the development of a relevant and independent
research profile by means of high-quality publications, raising of third-party research funds and
related project leadership, the successful development of innovative components in academic
training programmes, as well as the establishment of national and international cooperations.
Following a positive evaluation, a permanent chair (W2) of Carbon Concrete will be granted without
a renewed selection process.

Carbon concrete is a rather young construction material. However, it is in evidence that this
construction method will be part of building activities in a long term and that basic research in
carbon concrete is required. During the temporary chair, the applicant must prove that she/he is
capable of widely representing the subject area of Carbon Concrete with commitment to research
and teaching. The applicant will be expected to acquire third-party funding, such as the German
Research Foundation (DFG), the Federal Ministry for Education and research (BMBF) or the
European Commission (EC). Regarding experimental investigations, the holder of this position gets
the opportunity to use the excellently equipped Otto Mohr Laboratory. The teaching activities
particularly extend to the diploma degree programmes of Civil Engineering including Distance
Learning in German and the master's degree programme ACCESS (Advanced Computational and
Civil Engineering Structural Studies) in English. A high level of readiness to cooperate with
professorial chairs and other institutes in the Faculty of Civil Engineering and with other Faculties
of TU Dresden as well as cooperation with non-university research institutions in the environment
of the TU Dresden, play an important role. The duties include participation in academic
selfadministration.

Several years of experience in the planning or execution of concrete structures are required.
Excellent knowledge and experience are expected in the fields of Carbon Concrete including
theoretical investigations and practical use. Furthermore, she/he is expected to have knowledge
and experience in teaching. Applicants must fulfil the employment qualification requirements of §
58 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony
(Higher Education Act of the Free State of Saxony – SächsHSFG).

TU Dresden supports tenure track professors with a programme specifically tailored to their needs.
Mentoring, various coaching sessions as well as special continuing education programmes and
support offers provide active professional guidance throughout the duration of the temporary
position at the chair.
TU Dresden seeks to employ more female professors. Hence, we particularly encourage women to apply. Applications from disabled candidates or those with additional support needs are very welcome. The University is a certified family-friendly university and offers a dual career service. 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, +49/351/463-32023, email: gleichstellung.biw@tu-dresden.de) or the Representative of Employees with Disabilities (Mr. Roberto Lemmrich, +49/351/463-33175, email: schwerbehindertenvertretung@tu-dresden.de).

Please submit your application including a comprehensive CV, description of your scientific and professional career, a list of publications, a summary of teaching activities and evaluations (preferably of the last three years), selected references of third-party funds projects and a legal authenticate for the highest academic grade certificate in printed form to: **TU Dresden, Fakultät Bauingenieurwesen, Dekan, Herrn Prof. Dr.-Ing. Jürgen Stamm, Helmholtzstr. 10, 01069 Dresden** and in electronic form via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it to **dekanat.biw@tu-dresden.de**. Deadline for applications is **06.06.2019** (stamped arrival date of the university central mail service applies).

**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](https://tu-dresden.de/karriere/datenschutzhinweis)