The Faculty of Mathematics invites applications for a

**Junior Professorship (W1) in Applied Mathematics**  
(with Tenure-Track to W2)

at the **Institute of Scientific Computing** starting at the **earliest possible date**, with civil service limited for 4 years. If the interim evaluation is positive, the employment contract will be extended to a total of six years. After five years at the latest, a tenure evaluation will be carried out by a TU Dresden faculty-wide and school-wide commission. Following a positive evaluation, a permanent Chair (W2) of Applied Mathematics will be granted without a renewed selection process. Essential components of the evaluations will be scientific success by means of the quality and quantity of the publications, the active participation in collaborative projects within and outside the faculty and university, the success in obtaining third-party funding and in promoting young researchers as well as a positively evaluated teaching performance.

In teaching, the applicant should primarily take lectures in the area of Applied Mathematics including courses in programming in German and English language. Teaching responsibilities are first about 4 SWS. The participation in academic selfadministration is required.

The applicant should be able to represent an innovative field in mathematical modeling and numerical simulation, for example related to modelling and simulation of stochastic partial differential equations or mathematical foundations and applications of machine learning. In addition we expect cooperation within the Faculty of Mathematics and other structural units of the TU Dresden. Applicants must fulfil the employment qualification requirements § 63 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (SächsHSFG).

TU Dresden supports tenure track professors with a programme specifically tailored to their needs. Mentoring, various coaching sessions, and 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 women professors. Hence we would particularly encourage women to apply. Applications from candidates with disabilities or those requiring additional support are very welcome. The university is a certified family-friendly university and offers a dual career service. Should you have questions regarding this or other topics, please do not hesitate to contact the Equal Opportunities Officer of the Faculty of Mathematics (Dr. Hanne Hardering, +49 351 463-32002) or the Representative of of Employees with Disabilities (Mr. Roberto Lemmrich, +49 351 463-33175).

Please send your application including a CV with academic background and scientific development, a list of publications and third-party funds, a list of teaching activities (if so: education courses and results of evaluations) and copies of certificates on CD until **12.03.2020** (stamped arrival date of the university central mail service applies) to: **TU Dresden, Dekan der Fakultät Mathematik, Herrn Prof. Dr. rer. nat. habil. Axel Voigt, Hemholtzstr. 10, 01069 Dresden** and in electronic form via the TU Dresden SecureMail Portal [https://securemail.tu-dresden.de](https://securemail.tu-dresden.de) by sending it as a single pdf document to [dekanat.math@tu-dresden.de](mailto:dekanat.math@tu-dresden.de).

**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).