Technische Universität Dresden as a University of Excellence is one of the leading universities in Germany, and is ranked among the 100 most innovative universities worldwide. Its distinguishing feature is a strong focus on research as well as its diversified range of 129 courses of study in Engineering Sciences, Natural Sciences, Humanities & Social Sciences and Medicine. It pursues a long-term overall development program aimed at making TU Dresden an international top university.

The Faculty of Computer Science, Institute of Systems Architecture, invites applications for the

Chair (W3) of Distributed Systems

starting on April 1, 2023.

You (m/f/x) are expected to represent the subject "Distributed Systems" in research and teaching. In research, applicants should have made lasting contributions to one or more topical subareas of the field of "Distributed Systems". Potential research directions cover cloud-based software architectures for example with focus on Serverless-/Edge-/Mobile-Computing and the architecture of large-scale and robust Cyber-Physical Systems. Further potential research directions are in the context of system software for high performance, energy-efficient, and robust networking techniques with focus on software-defined networks or software concepts for quantum-based communication. Moreover, we appreciate connections to tangible application areas like mobility, robotics, medicine, or energy systems. Your tasks in teaching include lectures in German and English language within the scope of the dedication of the chair in undergraduate and graduate studies of Bachelor, Master, and Diploma courses at the Faculty of Computer Science as well as at related faculties. Moreover, the supervision of Bachelor-, Master-, and PhD-theses is required. Finally, experience and active participation in self-administration within the academic boards of the Faculty of Computer Science and of TU Dresden are expected.

We place emphasis on your scientific credentials, your excellent international publications and contacts as well as on your participation in research projects in one or more of the above-mentioned areas. Your ability and willingness to start and continue interdisciplinary cooperation projects within the diverse technical and scientific community in Dresden – especially with institutions that are members of DRESDEN-concept – and other faculties of TU Dresden (mainly from the School of Engineering Sciences) is of special importance. We place special emphasis on the successful supervision of PhD students. Applicants should exhibit experience in acquisition and management of third-party-funded projects. We expect very good teaching skills as well as the ability and willingness to offer courses in English language. Proficiency in German language is not a prerequisite for appointment. However, we expect the successful candidate to acquire sufficient language skills in German to conduct teaching and administrative tasks within two years of appointment. 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 (SächsHSFG).

For further information regarding academic requirements, please contact Prof. Dr.-Ing. Wolfgang Lehner, tel. +49 351 463-38383, email: wolfgang.lehner@tu-dresden.de

TU Dresden seeks to employ more female professors. Hence, we 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. If you have any questions about these topics, please contact the Equal Opportunities Officer of the Faculty
of Computer Science (Dr.-Ing. Iris Braun, tel. +49 351 463-38063) or the Representative of Employees with Disabilities (Roberto Lemmrich, tel. +49 351 463-33175).

Please send your application with a tabular curriculum vitae, a description of the academic career, a list of publications and previous teaching activities including the results of the teaching evaluation (preferably for the last three years) as well as a certified copy of the certificate for the highest academic degree acquired by January 10, 2022 (the postmark of the ZPS of the TU Dresden applies) to: TU Dresden, Dekan der Fakultät Informatik, Prof. Dr. rer. nat. Uwe Aßmann, Helmholtzstr. 10, 01069 Dresden, and in electronic form (CD, USB storage medium or via the SecureMail portal of the TU Dresden https://securemail.tu-dresden.de to dekan.inf@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