

Faculty of Computer Science

The **Institute of Applied Computer Science, Chair of Process Modelling for Networked Technical Systems** (Prof. Sommer) offers a position as

Research Associate / PhD Student

(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the **next possible date**. The position which comprises 50% of the fulltime weekly hours is limited for 6 years. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz-WissZeitVG). The position aims at obtaining further academic qualification (e.g. PhD).

Tasks: As a research associate of our chair you will work on tasks in the context of design and performance evaluation of approaches for networked, potentially highly mobile systems, communicating insights to colleagues, students, and the general public. Currently in our focus are application fields like cooperative autonomous driving and flying, where we pursue approaches far beyond autonomous platoons of trucks or autonomous delivery drones for smart cities. Build or extend your professional network with research and industry partners in this domain, gain valuable project experience, and shape the future of our society with us!

Requirements: university degree (typically master's or diploma) in a field of computer science, information systems engineering, electrical engineering, or closely related fields with outstanding achievements; profound knowledge in computer networks, especially wireless networks or their simulation; deep programming skills in a high-level language such as C++ or Python; full business fluency in English; willingness for constantly learning and excellent teamwork skills; experience in conducting research is a plus.

Applications from women are particularly welcome. The same applies to people with disabilities. Please submit your comprehensive application including the usual documents and using the **subject "Job application / 18 May 2021"** by **May 18, 2021** (stamped arrival date of the university central mail service applies) preferably via the TU Dresden SecureMail Portal <https://securemail.tu-dresden.de> by sending it as a single pdf-document of no more than 10 MB via e-mail to christoph.sommer@tu-dresden.de or by mail to **TU Dresden, Fakultät Informatik, Institut für Angewandte Informatik, Professur für Prozessmodellierung für vernetzte technische Systeme, Herrn Prof. Christoph Sommer, Helmholtzstr. 10, 01069 Dresden**. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

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>