Faculty of Civil Engineering

The Institute of Construction Informatics offers a position as

Research Associate / Postdoc (m/f/x) (subject to personal qualification employees are remunerated according to salary group E 14 TV-L)

starting as soon as possible. The contract limited to a period of 3 years with the option for extension for another three 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. habilitation thesis).

Tasks: research and teaching activities, management of a research group working on interdisciplinary research topics; management and further development of the research infrastructure and experimental platforms of the institute, including CAVE, building automation applications, several robots and a software platform for data analysis hosted at the Center for Information Services and High Performance Computing (ZIH) of TU Dresden. Participation in research proposals and the establishment of a junior research group is desirable and supported.

Requirements: university degree (MSc. or comparable) and PhD degree in the fields of computer science, electrical engineering, business informatics, civil engineering or architecture; at least four years of professional experience; proven knowledge in one of the following research areas: robotics; parametric design; or smart, sustainable buildings. Good knowledge of the German language and very good knowledge of another foreign language, both spoken and written (e.g. English, French, Chinese) are required. Preferably knowledge and skills in either Oracle, or ROS (robotic operating system) and KuKa or Rhino, Grasshopper. Additional knowledge and skills in the field of network management, software engineering or block-chain technology are advantageous.

For inquiries pls. contact: Prof. Menzel (email: bauinformatik@tu-dresden.de | ph.: +49 351 4634 2539).

Applications from women are particularly welcome. The same applies to people with disabilities.

Please submit your comprehensive application including the usual documents by September 29, 2022 (stamped arrival date of the university central mail service applies) via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf document to bauinformatik@tu-dresden.de or to: TU Dresden, Fakultät Bauingenieurwesen, Institut für Bauinformatik, Herrn Prof. K. Menzel, Helmholtzstr. 10, 01069 Dresden, Germany. 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.