

Full Professorship (W3) „Digital Building Construction and Building Services“

INSTITUTE FOR BUILDING MATERIALS, BUILDING PHYSICS, BUILDING SYSTEMS AND DESIGN |
OCT. 1, 2023

The University of Stuttgart is one of the leading technically oriented universities in Germany in one of Europe's most vibrant high-tech and industrial areas. The Cluster of Excellence "Integrative Computational Design and Construction for Architecture (IntCDC)" combines its expertise in the fields of architecture, civil engineering, production and systems engineering, computer science and robotics, as well as humanities and social sciences, thus creating globally unique conditions for top interdisciplinary research and architectural innovation.

The professorship researches and teaches the influence of digital planning, manufacturing and construction technologies on the conception of building systems in connection with technical building equipment, as well as their relation to new typologies of space and construction for architecture and urban planning. The professorship is part of the Cluster of Excellence IntCDC, funded by the Deutsche Forschungsgemeinschaft, where it investigates approaches to computational design and realisation for the systematic integration of building services engineering and construction technologies in future-oriented architecture.

The professorship builds bridges between current digitally-driven and research-oriented developments and the teaching of the fundamentals of building services to students of architecture and urban planning. It takes on the teaching of building services engineering with the relevant areas of heating, ventilation, sanitary and electrical services in the faculty's Bachelor's and Master's degree programmes and participates in integrated design project, including the "Integrated Project Building Technologies". In research and teaching, the willingness to engage in interdisciplinary cooperation, for example with Faculties 2, 4 and 10, is expected.

We are searching for an individual who is distinguished by high-ranking scientific achievements with international visibility. Independent acquisition of third-party funding and active participation in the Cluster of Excellence IntCDC is required. This may also include the role of Principal Investigator in the next funding phase.

For a qualitative assessment of your academic accomplishments, we kindly ask you to submit a short description of your three most important scientific achievements, which should be no longer than one page in total. Possible successes may include, for example, those in the fields of research, teaching, innovative practice, science and society, knowledge and technology transfer, inventions and patents, software development or spin-offs.

The requirements for employment listed in § 47 and § 50 Baden-Württemberg university law (LHG) apply.

Applications with attachments such as CV, certificates, awards, list of publications, list of teaching and research experience, list of realized projects as well as a concept sketch for future research and teaching are requested by Sept 9, 2022, if possible in a PDF format to Prof. Dr. Jan Knippers via email to info@itke.uni-stuttgart.de. Please be aware of the risks regarding confidentiality and the integrity of your application contents when sending your application via unencrypted email. Additional application documents in paper form will also be accepted at Institut für Tragkonstruktionen und Konstruktives Entwerfen, Keplerstrasse 11, 70174 Stuttgart. Please address any questions regarding the current appointment process to j.knippers@itke.uni-stuttgart.de.

The University of Stuttgart has established a Dual Career Program to offer assistance to partners of those moving to Stuttgart: uni-stuttgart.de/dual-career-en.

The University of Stuttgart is an equal opportunity employer. Applications from women are strongly encouraged. Disabled persons will be given preference in case of equal qualifications.

Information on the collection of personal data in accordance with Article 13 of the GDPR can be found via the following link: uni-stuttgart.de/en/privacy-notice/job-application.