



University of Stuttgart

University of Stuttgart
Faculty 2: Civil and Environmental Engineering

Tenure Track Professorship (W1) in „Robotic Construction“

AT THE EARLIEST OPPORTUNITY

The University of Stuttgart is one of the leading technical universities in Germany and centrally located in one of Europe's most important high-tech regions. The recently established Cluster of Excellence IntCDC bundles the competencies of the University of Stuttgart in architecture, civil engineering, manufacturing and system engineering, computer science and robotics, social sciences and humanities to establish a globally unique center for advanced research and architectural innovation.

The professorship focuses on robotic building construction. It interlinks approaches to building construction in civil engineering with control engineering and computer science. The professorship contributes to the vision of a "cyber-physical construction site" and robotic construction of the Cluster of Excellence Integrative Computational Design and Construction for Architecture (IntCDC). This includes the advancement of computational methods for building construction integration and the development of related construction systems, processes and control approaches for on-site construction robotics.

The professorship is embedded in Faculty 2: Civil and Environmental Engineering and in the Cluster of Excellence IntCDC. It is expected to strengthen the efforts of the faculty and the cluster in the area of digitalisation and contribute to interdisciplinary research and teaching in engineering.

We are looking for a highly qualified early career researcher active in the areas of automation and construction who is distinguished by high-ranking scientific publications or patents with international visibility. An excellent Ph. D. and research experience in at least one of the aforementioned or related research areas as well as capability for interdisciplinary collaborations are expected. The ability, experience and readiness for acquiring funding and for conducting fundamental or applied research projects are desired. Contribution to academic self-government as well as contributions to IntCDC are expected.

The professorship is funded in the context of the joint program for the promotion of early career researchers by the German federal and state-governments. The position is a tenure track position leading to an appointment as a W3 professor in case of a positive evaluation. The requirements for employment listed in § 51 Baden-Württemberg university law apply. For more information on the criteria of evaluation and quality management, please visit the website uni-stuttgart.de/tenure-track-en.

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, science and society, knowledge and technology transfer, inventions and patents, software development or spin-offs.

Written applications (including up to 3 publications, and, if available, a list and short description of third-party funds acquired, of actual and former projects and of the teaching experience including teaching evaluations) should be sent in electronic form no later than **February 13, 2023**, to the Faculty 2, bewerbung_professur@f02.uni-stuttgart.de, preferably as a single PDF file. Please be aware of the risks regarding confidentiality and the integrity of your application contents when sending your application via unencrypted email. Alternatively, postal applications to University of Stuttgart, Faculty 2, Pfaffenwaldring 7, D-70569 Stuttgart are also accepted. Please address any questions regarding the current appointment process to the Chairman of the Appointment Committee, Vice Dean Prof. Dr.-Ing. Hoffmann, or the Dean's Office (+49 711 685-60076).



The University of Stuttgart has established a Dual Career Service 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. Severely challenged 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