



**Management**

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**Research Cluster CRC 1244**

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[www.uni-stuttgart.de/ilek](http://www.uni-stuttgart.de/ilek)

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**Profile of the CRC 1244 – Adaptive Skins and Structures for the Built Environment of Tomorrow**

The goal of Research Cluster CRC 1244 is to find answers within the realm of the built environment to the pressing ecological and social issues of our time. The strategic integration of adaptive elements in load-bearing structures, envelope systems and interior fittings is considered a promising approach.

CRC 1244 has been investigating the fundamentals, the potential and implications of adaptive structures and envelopes for a sustainable built environment.

**Your area of responsibility**

- Elaboration of actuation strategies for load-bearing structures in high-rise buildings
- Elaboration and dimensioning of actuator systems
- Developing feasible solutions for actuator integration
- Collaboration in the planning and testing on a demonstrator high-rise building
- Use of digital tools
- Cooperation in academic self-administration
- Collaboration in application of research projects

**Your profile**

- Completed university studies (TU/TH/University)
- Excellent knowledge of structural engineering
- In-depth knowledge in the application and programming of analysis software (ANSYS, Atena, Sofistik)
- Knowledge in the use of CAD programs (AutoCad, Rhino)
- Interest in the construction of building structures
- Experience in the design of load-bearing structures
- Organizational skills and communication skills
- Interest in interdisciplinary work
- Very good knowledge of English, very good knowledge of German

The remuneration falls in the group E-13, including social benefits of the public service. The position is to be filled from 01.03.2022 to 31.12.2024.

Also use our website for information: [www.uni-stuttgart.de/ilek](http://www.uni-stuttgart.de/ilek)

Applications must include CV and a statement of research under the keyword „SFB 1244 A06“ and should be submitted to [manuela.brueggeboes@ilek.uni-stuttgart.de](mailto:manuela.brueggeboes@ilek.uni-stuttgart.de)

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The University of Stuttgart would like to increase the proportion of women employee. Women are therefore expressly invited to apply. Full-time positions can be splitted in two part-time positions. Severely disabled persons are given priority in the event of a tie hired if they are equally qualified. Recruitment is carried out by the central administration.

Job advertisement

Research associate in  
Cluster CRC 1244

**Civil Engineering**

(m/f/d)

From March 2022.

There is a possibility to enroll in the PhD program.