



**University of Stuttgart**  
Germany

Institute for Diversity Studies in Engineering

**We are seeking to fill the following position at the earliest possible date:**

**Academic Staff Member (100% working hours, compensation level E13 TV-L) with the possibility to pursue a doctoral degree in the field of System Dynamics (Dr.-Ing. or Dr.rer.pol., respectively).**

The position is initially limited to 3 years, an extension to up to 6 years is possible.

The Institute for Diversity Studies in Engineering (IDS) in the Faculty 7 (Engineering Design, Production Engineering and Automotive Engineering) is concerned with the effects and design possibilities of diversity in complex socio-technical systems. In research and teaching we focus on the question of how diversity and differences in socio-technical systems can contribute to innovation. We pursue this question with an interdisciplinary team in a broad application context, ranging from individualized products and services to diversity management in teams and organizations to collaboration across organizational and industry boundaries. In research and teaching, we use the System Dynamics approach with both its qualitative and quantitative methods.

#### **Your main tasks:**

- In research: Working in the field of how System Dynamics modeling approaches can help overcome the challenges of cognitive diversity in heterogeneous groups and contribute to innovation.
- In teaching: Supporting the courses offered by the IDS in the Engineering Cybernetics study programs in the areas of System Dynamics and value creation and innovation. Supervision of students in project work and final theses.

#### **Your profile:**

- You have profound knowledge in System Dynamics, both in the area of qualitative modeling with causal loop diagrams and in the area of quantitative modeling and simulation, ideally with the software Vensim®.
- You have completed a university degree with excellent results in a subject and method that matches the areas of work described above.

The University of Stuttgart invites women to apply for this job opening to strengthen the presence of female workers in the scientific areas. Disabled applicants will have priority as long as they are equally qualified.

Information on the handling of applicant data following Art. 13 DS <https://www.uni-stuttgart.de/en/privacy-notice/job-application/>

## **Academic Staff Member (m/f/d) in the field of System Dynamics**

- In addition to a good command of German, you also have a good command of written and spoken English.
- You are flexible, work in a structured manner, enjoy scientific work and have an appreciation for diversity.
- You have very good communication skills, above-average commitment and the ability to work independently in an interdisciplinary team.

#### **We offer:**

- Challenging tasks with opportunities for doctoral degree studies, scientific training and personal development
- Working in a small team with a pleasant and cooperative working atmosphere
- Research opportunities, also in larger interdisciplinary networks, with high application relevance
- Assumption of responsibility
- Individual support in pursuing a doctoral degree

**Application:** Please send your complete application, including one-page motivation letter, CV, as well as academic certificates and transcript of records by e-mail by May 11, 2025 to [sekretariat@ids.uni-stuttgart.de](mailto:sekretariat@ids.uni-stuttgart.de).

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