

# Professorship (W3) in Data Engineering

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## Stellenbeschreibung

### INSTITUTE OF PARALLEL AND DISTRIBUTED SYSTEMS | AT THE NEXT POSSIBLE DATE

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 university is a reliable employer, partner for technology transfer and is committed to the interdisciplinary integration of engineering, natural sciences, humanities, and social sciences based on the fundamentals of cutting-edge research at a disciplinary level.

## Anforderungsprofil & Qualifikationen

A W3 professorship in "Data Engineering" is available at the University of Stuttgart in the Faculty of Computer Science, Electrical Engineering, and Information Technology. The professorship will be part of the Institute of Parallel and Distributed Systems (IPVS). We are looking for an individual who can represent data engineering with a focus on systems research in research and teaching. The candidate is internationally recognized in research, and if possible, has experience in working with industry or is willing to do so. For example, expertise in one or more of the following topics is desirable:

- Data integration, transformation, cleaning – models, algorithms and architectures
- Data processing (stream), data management - middleware and systems
- Cross layer optimization – sensors, communication, analysis, persistence
- IoT, production – application domains

The ideal candidate can relate to some of the profile areas of the university, such as quantum technology, simulation science, architecture and adaptive building, digital humanities, and production technology, as well as to existing multi-PI initiatives, such as GSaME, SimTech or IntCDC. Cooperation within the institute is also encouraged.

The prospective professor is expected to contribute to teaching, in particular, within our degree program "Artificial Intelligence and Data Science" and through introductory courses,

both in German and English, in the Faculty's Bachelor's and Master's degree programs, as well as to actively solicit external funding and to participate in collaborative research projects at the university.

We are searching for an individual who is distinguished by high-ranking scientific publications with international visibility.

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 accomplishments include, for example, those in the fields of research, teaching, science and society, knowledge and technology transfer, inventions and patents, software development, and spin-offs.

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

Written applications, including CV, scans of diplomas, a short summary of scientific and teaching accomplishments, a structured list of publications, the candidate's track record of successful research grants, and a short statement on current and planned research activities as well as copies of the certificates should be submitted online via <https://berufungen.uni-stuttgart.de> by June 06, 2025 addressed to the Vice Dean of the Faculty of Computer Science, Electrical Engineering and Information Technology, Prof. Marco Aiello. Please send postal applications to Universität Stuttgart, Berufungsmanagement, Keplerstraße 7, 70174 Stuttgart, Germany

If you have any questions about this call for applications, please contact Prof. Christian Becker (email: [christian.becker@ipvs.uni-stuttgart.de](mailto:christian.becker@ipvs.uni-stuttgart.de)).

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. Recruitment is carried out by the central administration.

The University of Stuttgart has established a Dual Career Program to offer assistance to partners of those moving to Stuttgart. For more information, please visit the website [Dual Career Program | University of Stuttgart](#)


Information on the handling of applicant data in accordance with Art. 13 DS-GVO can be found at [Information on data protection during the job application process | University of Stuttgart](#).

## Stellenmerkmale

Beschäftigungsart	Professuren
Beschäftigungsumfang	Vollzeit (unbefristet)
Home Office	Nein
Bewerbungslink	<a href="https://berufungen.uni-stuttgart.de/">https://berufungen.uni-stuttgart.de/</a>

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## Kontakt Daten

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