



## Universität Potsdam

The **Digital Engineering Faculty** at the **University of Potsdam** announces two joint professorships under the Jülich Model with the Hasso Plattner Institute for Digital Engineering gGmbH to be filled immediately:

### **Full Professorship (W 3) for Computational Statistics**

The recently founded Digital Engineering Faculty is significantly expanding its unit for data engineering in research and teaching. Data engineering, the management and analysis of large and complex data in big data systems, is based on fundamental methods of computational statistics and data analysis.

The faculty and department seek a candidate who has demonstrated excellence in research and teaching in both computer science and statistics. The new professor will actively participate in the new master's program in Data Engineering, as well as in the work of the graduate school.

The professorship focuses on method-oriented research closely related to scientific, industrial and societal IT systems and applications. Relevant topics include probabilistic inference, machine learning, numerical optimization, model selection and multivariate statistics. The successful candidate is expected to make a distinctive contribution to shaping interdisciplinary research activities.

In addition to the candidate's outstanding scientific qualifications, the faculty and department expect a clear commitment to teaching (including at the undergraduate level) in the bachelor's and master's programs, particularly in the fields of computer science and statistics.

The joint professorship is being filled under the Jülich Model, with a teaching obligation of 8 hours per week within the Digital Engineering Faculty at the University of Potsdam.

Contact person is Prof. Dr. Emmanuel Müller: [emmanuel.mueller@hpi.uni-potsdam.de](mailto:emmanuel.mueller@hpi.uni-potsdam.de)

### **Full Professorship (W 3) for Scalable Data Engineering**

The recently founded Digital Engineering Faculty is significantly expanding its unit for data engineering in research and teaching. Data engineering, the management and analysis of large and complex data in big data systems, is based on highly scalable infrastructures, distributed data management and distributed data analysis technologies.

The faculty and department seek a candidate who has demonstrated excellence in research and teaching in computer science, particularly in the area of data management. The new professor will actively participate in the new master's program in Data Engineering, as well as in the work of the graduate school.

The professorship focuses on method-oriented research closely related to scientific, industrial and societal IT systems and applications. Relevant topics include probabilistic inference, machine learning, numerical optimization, model selection and multivariate statistics. The successful candidate is expected to make a distinctive contribution to shaping interdisciplinary research activities.

In addition to the candidate's outstanding scientific qualifications, the faculty and department expect a clear commitment to teaching (including at the undergraduate level) in the bachelor's and master's programs in the field of computer science.

The joint professorship is being filled under the Jülich Model, with a teaching obligation of 8 hours per week within the Digital Engineering Faculty at the University of Potsdam.

Contact person is Prof. Dr. Felix Naumann: [felix.naumann@hpi.uni-potsdam.de](mailto:felix.naumann@hpi.uni-potsdam.de)

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The following application requirements for professors must be documented in accordance with Section 41 of the Brandenburg Higher Education Act (Brandenburgisches Hochschulgesetz, BbgHG): a completed university degree, pedagogical aptitude, and a special ability for scientific work, as is typically documented by a dissertation project; comprehensive competences in science management and additional scholarly achievements as evidenced by a *Habilitation* (post-doctoral dissertation), a junior professorship or work as a research associate at an institution of higher education or an extramural research institution, or scholarly activity in the private sector, or in a similar social field, whether in Germany or abroad. The appointment procedure is conducted in accordance with Section 40 of the Brandenburg Higher Education Act.

The University and Hasso Plattner Institute for Digital Engineering gGmbH strive for a balanced gender ratio at all levels. Severely disabled applicants will be given preferential consideration in the event of equal qualification. We explicitly encourage applications from international candidates.

The University of Potsdam supports newly appointed professors with its Dual Career Service and coaching support: [www.uni-potsdam.de/berufungen.html](http://www.uni-potsdam.de/berufungen.html)

**Please submit your application and relevant documentation (presentation of your research interests, CV, copies of academic certificates and credentials, list of publications, list of courses taught, list of projects funded externally) until 28th February 2018 via email (in a single PDF file) to [ausschreibungen@uni-potsdam.de](mailto:ausschreibungen@uni-potsdam.de).**

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