



Meer Zukunft

The Faculty of Computer Science and Electrical Engineering at the University of Rostock invites applications for a

### **W3 Professorship in Database and Information Systems**

at the Institute of Computer Science, subject to budget considerations.

The field of database and information systems has been an established research area at the Institute of Computer Science for many years. Education in database and information systems is an integral part of various Bachelor and Master programs in the field of computer science. The University of Rostock is looking for a personality who will competently represent the field of database and information systems in research and teaching. Furthermore, networking on a national and international level as well as a high commitment to the acquisition of third-party funds are expected.

In research, the professorship should represent the field of database and information systems in its entire breadth. The professional focus may be on one or more of the following research topics:

- Massively parallel and distributed databases,
- Data stream or sensor data management,
- Graph databases and other non-relational databases,
- In-memory databases and new storage technologies,
- Data integration and data analytics for very large and distributed data sets,
- Cloud and edge databases,
- Privacy awareness, privacy preservation and trusted data management.
- Scalable Data Engineering.

The Institute is also open to a modern interpretation of the "classical" research area of database and information systems.

The professorship will be an important building block in the Institute of Computer Science's research in data science and data-driven IT solutions. Database and information systems is a field with many interdisciplinary applications. Therefore, intensive cooperation with colleagues in the profile lines of the Interdisciplinary Faculty of the University of Rostock is also expected. With the Interdisciplinary Faculty (INF), the University of Rostock offers a structure in which interdisciplinary research finds a broad platform. The Institute of Computer Science is involved here with a variety of activities.

In teaching, the future professor is expected to participate appropriately in the general basic education in computer science and business information systems as well as in all-English master's program Computer Science International, in addition to offering basic and advanced courses on database and information systems.

Further information is available from:

Professor Karsten Wolf, chairman of the appointment committee

Telephone: 0381/498 7641

e-Mail: karsten.wolf@uni-rostock.de

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Qualifications are as per § 58 of the Higher Education Act of the State of Mecklenburg-Vorpommern (LHG M-V): completed university studies, doctoral degree, post-doctoral thesis ("Habilitation"), teaching experience or equivalent qualifications, usually earned within the context of junior professorship.

A special focus is placed on academic achievement and teaching qualifications as well academic organization and administration. For this reason candidates should describe previous teaching results, ideas regarding future teaching (including didactic lesson planning) and their prior experience in academic and scientific management. In addition, candidates are expected to have experience and interest in developing programs that can attract and maintain external funding.

The professorship is to be filled according to § 61 LHG M-V as a position with civil servant status for life, or, if applicable, for 5 years. It is also possible to fill the position as a regular state employee.

The University of Rostock is committed to their university management guidelines.

Equal opportunities are part of our personnel policy. The announcement is therefore aimed at all persons regardless of their gender. Disabled applicants will be given preference if all other qualifications are essentially equal. The University of Rostock is especially interested in promoting women within the context of § 7 (3) of the Gender Equality Act, and therefore specifically encourages applications from qualified women. Women will be given priority if their qualifications are essentially equivalent.

Applications with the usual documents (full CV, a complete list of academic and professional background, publications, teaching experience, any additional qualifications, a summary of grants and sponsored research activities and a description of future research as well as teaching plans) should be sent no later than 13.08.2021 to the University of Rostock, Dean of the Faculty of Computer Science and Electrical Engineering, Albert-Einstein-Straße 2, 18059 Rostock, Germany or by e-mail to [dekan.ief@uni-rostock.de](mailto:dekan.ief@uni-rostock.de). We would like to point out that your e-mail will be sent to us unencrypted.

The protection of your personal information is very important to us. Therefore, the data collected during the application process will be collected, processed and used in accordance with the relevant data protection rules.

Application costs cannot be reimbursed by the State of Mecklenburg-Vorpommern. We ask you to submit applications only in copy, as they will not be returned after the procedure has been completed.