Meer Zukunft

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

W2 Professorship in Visual Analytics

subject to budget considerations.

Visual Analytics investigates concepts for interactive visual analysis and exploration of large and complex data sets. Here, visualization and interaction techniques are integrated with computational methods to enhance the gain of knowledge and insight in data analysis tasks. The profile of the professorship is intended to cover this topic comprehensively. This includes research on novel visualization methods for multivariate and multidimensional data, the development of new forms of interaction for sophisticated data analysis activities, and the integration of suitable algorithms (e.g., from graph theory or machine learning) to support the analysis process. Based on application-oriented solutions for concrete data analysis problems, fundamental conceptual work will advance the field of visual analytics.

The professorship Visual Analytics is part of the Institute for Visual and Analytic Computing (VAC), which addresses diverse research topics in the area of computational analytics, visual computing, and data science. Together with the Institute of Computer Science at the Faculty of Computer Science and Electrical Engineering, VAC represents a broad spectrum of computer science topics in research and teaching. In addition, the Interdisciplinary Faculty (INF) of the University of Rostock provides an institution for interdisciplinary research. We encourage cooperation with INF activities, such as the DFG special research project SFB 1270 ELAINE (ELectrically Active ImplaNtatE) or the BMBF innovation cluster "Ocean Technology Campus". Furthermore, the Fraunhofer Institute for Computer Graphics offers interesting cooperation opportunities in the research area of the professorship.

The position holder is expected to competently represent the field of Visual Analytics in research and teaching. In terms of research, he/she is expected to establish intensive interdisciplinary collaboration - in the field of computer science, within the Faculty of Computer Science and Electrical Engineering, and within the university. In addition, close networking on a national and international level is required, as well as a corresponding commitment to the acquisition of third-party funding.

In terms of teaching, the position holder will be expected to participate appropriately in German-language undergraduate and graduate computer science education in addition to teaching courses on visual analytics.

Further information is available from:
Professor Thomas Kirste, chairman of the appointment committee
Telephone: 0381/498 7510
e-Mail: thomas.kirste@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 06.08.2021 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. 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.