



The Faculty IV - Business Administration, Economics, Sociology, Mathematics, Computer Science, Business Informatics - invites applications for a tenure-track appointment at the level of

Assistant Professor (Juniorprofessorin/Juniorprofessor) of Algorithmics (W1 with tenure-track to a W2 position, LBesG) (m/f/d)

starting in April 2021.

This professorship is funded by the Tenure Track Programme of the German Federal Government and the Federal States. It is aimed at junior researchers in an early career phase and with extraordinary potential for a further academic career.

The professorship is located in the department of computer science and business informatics where professors from both research areas work closely together and offer joint degree programs. The applicant should have an excellent international reputation in the field of algorithms and demonstrate this through relevant publications, and preferably have experience in the acquisition of third-party funded projects. We are particularly looking for candidates with research foci in algorithm engineering, combinatorial optimization, algorithmic geometry, parallel algorithms, graph algorithms, robust algorithms, simulation algorithms or approximation algorithms. In addition to theoretical analysis, experience with the practical application of algorithms is also desirable. The applicant should extend the profile of computer science at the University of Trier. The application documents should therefore include a research concept that shows options for possible cooperations within and beyond the department and highlights possible applications for third-party funding.

Participation in the courses of study in computer science is required, especially in undergraduate courses on theoretical computer science and in the specialization of the Master's degree in computer science which should be developed by the candidate. Some courses are also exported to programmes related to computer science (currently: Data Science, Mathematics, Applied Geoinformatics, Computational Linguistics and Digital Humanities), some of which are taught in English.

Applicants must meet the general requirements according to public services law and the Higher Education Act of Rhineland-Palatinate (§§ 54, 55 HochSchG – Higher Education Act). We expect the ability to teach in German.

The initial employment term (limited term with civil service status) will run for three years and will be extended for another three years, contingent upon a successful interim evaluation. After a final successful evaluation as Assistant Professor after six years, and provided the general requirements are fulfilled, the candidate will qualify for appointment to a tenured full professorship (W2). We refer to § 50 (5) 3 HochSchG – Higher Education Act in this context.

The State of Rhineland-Palatinate and Trier University are committed to intensive personal mentoring for students and, therefore, expect strong presence of teaching staff at the University. Trier University aims to increase the quota of women in research and teaching, and encourages female academics to apply. Disabled candidates with appropriate qualifications will be given priority.

Applicants must submit the usual documents [curriculum vitae, copies of certificates, list of publications, list of courses] as well as a statement outlining the planned research to the Dean of the Faculty IV of Trier University, 54286 Trier (and, in addition, as one PDF document to dekanatfb4@uni-trier.de) by **March 28, 2020**. Further questions regarding content can be directed to Prof. Henning Fernau (fernau@uni-trier.de).

Please do not submit application documents in folders and submit only uncertified copies, as the documents will not be returned; they will be destroyed after completion of the selection procedure.