

Saarland University is a campus-based university in the south-west of Germany with around 17,000 students, a distinct international focus and pronounced research-oriented profile. Numerous research institutions in the close vicinity of the University and a targeted support of research collaborations make Saarland University an ideal place for innovation and technology transfer.



The Faculty of Mathematics and Computer Science at Saarland University is inviting applications for the following position (tenured full professorship, Germany salary scale W3) commencing at the earliest opportunity

Professorship (W3) for Mathematics and Computer Science with a Focus on Mathematical Data Analysis (reference number W1731)

The successful candidate will have exceptional research and teaching skills, international visibility, and a research direction in mathematical data analysis, with a preferred focus on the mathematical foundations of deep learning. Expertise in at least one of the following areas should be demonstrated: continuous optimization, applied harmonic analysis, compressed sensing, modeling and numerical methods for differential equations, inverse problems, control theory, and information geometry. Additional connections to analytic areas such as convex analysis, differential geometry or Lie groups are welcome. We expect a willingness to collaborate with other groups of the Faculty of Mathematics and Computer Science as well as interest in interdisciplinary cooperations, including within larger collaborative projects.

The professorship belongs equally to both departments of our faculty, to the Department of Mathematics and the Department of Computer Science. We expect active participation in research and teaching, including undergraduate and service lectures in mathematics and computer science, in particular within our study program 'Mathematics and Computer Science'.

Candidates are expected to possess excellent scientific qualifications, very good didactic skills and a commitment to teaching. The language of instruction is English, except for compulsory undergraduate lectures. If necessary, we allow an adequate period for German language acquisition.

The Faculty of Mathematics and Computer Science at Saarland University closely collaborates with the Max Planck Institutes for Informatics and for Software Systems, the CISP Helmholtz Center, the German Research Center for Artificial Intelligence (DFKI), and the Center for Bioinformatics. All are located on campus.

At Saarland University, we view internationalization as a process that spans all aspects of University life. We therefore expect members of our professorial staff to engage in activities that promote and foster further internationalization. Special support will be provided for collaborative work with partners within the Saar-Lor-Lux region as part of the 'University of the Greater Region' project (www.uni-gr.eu).

Aside from standards set by general employment legislation, eligibility criteria include a University Degree, educational skills, proven aptness for original scientific work (usually documented by the quality of the doctorate or PhD) as well as a track record of past independent research (e.g. in a habilitation, assistant professorship or scientific activity at a university or at a research institution).

Please submit your application by no later than **14 August 2020** via Saarland University's online applications portal: www.uni-saarland.de/berufungen. Please complete the online synopsis (brief applicant profile) and upload your completed application documents as a single PDF file (max. size: 10 MB). Please include the following documents with your application: a cover letter (addressed to the Dean of the Faculty of Mathematics and Computer Science, Prof. Thomas Schuster, Fakultät für Mathematik und Informatik, Universität des Saarlandes, Campus, 66123 Saarbrücken, Germany) together with your personal address, phone and e-mail; Curriculum Vitae including details of your research history; a complete list of publications; a research statement; a teaching statement; a complete list of your third-party funding; and electronic copies of your certificates. If you have questions regarding the professorship, please contact Prof. Joachim Weickert (*e-mail*: weickert@mia.uni-saarland.de).

In accordance with the objectives of its equal opportunities plan, Saarland University seeks to increase the proportion of women in professorial positions and applications from qualified women candidates are therefore strongly encouraged. Preferential consideration will be given to severely disabled candidates of equal eligibility.

When you submit a job application to Saarland University you will be transmitting personal data. Please refer to our privacy notice for information on how we collect and process personal data in accordance with Art. 13 of the General Data Protection Regulation (GDPR) (www.uni-saarland.de/datenschutz). By submitting your application you confirm that you have taken note of the information in the Saarland University privacy notice.