

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.



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

Professorship (W3) for Mathematics and Computer Science with a Focus on Applied Algebra and Geometry (reference number W1736)

We are looking for applications by excellent internationally visible researchers working in the area of applied algebra and geometry with applications in Computer Science. Possible fields of research are e.g. algebraic geometry, algebraic and topological combinatorics, algebraic topology, category theory, convex and discrete geometry, differential geometry, group and representation theory, multilinear algebra, (non) commutative algebra and quantum groups, number theory and cryptography, together with respective applications in Computer Science. The research profile of the professorship should have close connections to the Collaborative Research Centre SFB TRR 195 "Symbolic tools in mathematics and their application". An embedding of the professorship into the SFB TRR 195 is desired.

The professorship belongs as a joint professorship to both departments (Mathematics and Computer Science) of the Faculty. Active participation in research and teaching is required, including teaching basic courses of both Mathematics and Computer Science, especially in the academic program Mathematics and Computer Science. Excellent research qualifications and very good teaching abilities are expected. The teaching languages are English and (in the basic courses) German. The successful candidate is expected to acquire the ability to teach in German after a suitable period.

The Faculty of Mathematics and Computer Science of Saarland University is working closely with the Max Planck Institutes for Informatics and for Software Systems, the CISPA-Helmholtz Center for Information Security, the German Research Center for Artificial Intelligence (DFKI) as well as 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 **28 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. Vladimir Lazić (e-mail: lazic@math.uni-sb.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.