

Karlsruhe Institute of Technology (KIT) – The Research University in the Helmholtz Association creates and imparts knowledge for the society and the environment. It is our goal to make significant contributions to mastering the global challenges of mankind in the fields of energy, mobility, and information. For this, about 9400 employees of KIT cooperate in a broad range of disciplines in research, academic education, and innovation.

In Division V - Physics and Mathematics - the KIT Department of Mathematics invites applications for the position of a

Professorship in Algebra/Geometry (W3)

at the Institute of Algebra and Geometry. The anticipated starting date is October 1, 2021.

We are looking for an internationally recognised outstanding scientist whose research focus lies at the interface of algebra and geometry. Possible research areas include, but are not limited to, arithmetic structures in topology, geometric group theory, algebraic combinatorics, as well as algebro-geometric structures in differential geometry.

The candidates are expected to demonstrate excellence in research and teaching and show that they can contribute to the research areas represented at the institute. In particular, it is expected that the successful one actively participates in the research group 'Geometry, Groups and Topology' within the KIT Department of Mathematics as well as in the DFG Research Training Group 2229 'Asymptotic Invariants and Limits of Groups and Spaces', a collaboration between KIT and Heidelberg University. KIT also offers unique collaborative opportunities, facilitated by the newly founded Center MathSEE (Mathematics in Sciences, Engineering and Economics), in which the successful candidate is welcome to participate.

Besides offering own attractive courses and seminars, the successful candidate will take part in teaching within the broad spectrum of courses in algebra and geometry at the Institute of Algebra and Geometry. Jointly with the colleagues at the institute, she or he will also assume responsibility for and participate in the institute's courses for students from other departments.

The appointed professor will take part in the collegial governance of the Institute of Algebra and Geometry and the academic self-governance of the KIT Department of Mathematics.

Initially no knowledge of the German language is required. As the language of instruction for the basic undergraduate courses is German, the successful candidate will be expected to teach in German within three years after appointment.

Candidates should have a habilitation degree or an equivalent qualification that may also have been acquired outside of the university as well as proven didactic skills and teaching experience. Employment conditions as outlined in Art. 47 LHG (Law of Baden-Württemberg on Universities and Colleges) shall apply.

KIT is an equal opportunity employer. Women are especially encouraged to apply. Applicants with disabilities will be preferentially considered if equally qualified. KIT is a certified family-friendly university and offers part-time employment, leave of absence due to family reasons, dual-career service and coaching to support balance between family and career.

Applications should include a current Curriculum vitae, a summary of teaching and research experiences, a teaching and research plan, and a list of publications with digital versions of the five most important items. Interested applicants should apply, preferably by sending their application in a single PDF file, by **April 20, 2020** to Karlsruher Institut für Technologie (KIT), Dekanat der KIT-Fakultät für Mathematik, Englerstr. 2, 76131 Karlsruhe, Germany, in writing to bewerbungw3@math.kit.edu. For questions regarding this position, please contact Prof. Dr. Wilderich Tuschmann, either at phone: +49-721-608-43942, or email at tuschmann@kit.edu.

KIT – Die Forschungsuniversität in der Helmholtz-Gemeinschaft.