

The Karlsruhe Institute of Technology (KIT) is the result of the merger of the University of Karlsruhe and the Research Center, Karlsruhe. It is a unique institution in Germany, which combines the mission of a university with that of a large-scale research center of the Helmholtz Association. With 9400 employees, 25000 students, and an annual budget of EUR 901 million, KIT is one of the largest research and education institutions worldwide.

The Department of Mathematics at the KIT invites applications for a

**Research Associate Postdoctoral Position  
(Akademische/n Mitarbeiter/in)**

**to work on Graph Theory and Combinatorics.**

Young researchers with strong background in discrete mathematics are invited to apply. A Ph.D. in mathematics or theoretical computer science is required. Knowledge and experience in graph theory and combinatorics are expected. Knowledge of English is required and some command of German is desired.

Specific research topics include Ramsey-type problems, graph coloring problems, extremal problems in set systems and posets, extremal problems in graphs. Teaching responsibilities of the position might include up to four academic hours per week.

The intended starting date is April 1, 2022 or earlier. The salary grade is E13. This is a 2-year position.

An application should include a curriculum vitae, a publication list, an outline of research interests, and the names of at least two references. Application materials should be sent as a single .pdf file per e-mail to [maria.aksenovich@kit.edu](mailto:maria.aksenovich@kit.edu) with a subject line "Postdoc KIT".

For further inquiries about the positions, please contact Prof. Maria Axenovich via e-mail.

KIT is pursuing a gender equality policy. Women are therefore particularly encouraged to apply. If qualified, applicants with disabilities will be preferred.