



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 offers 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 for this postdoctoral position. A Ph.D. in mathematics or theoretical computer science is required. Knowledge and experience in graph theory and combinatorics are expected. An excellent knowledge of English is required, knowledge of German is preferred.

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

The position starting date is between August 3, 2024 and **October 1, 2024**. The salary grade is E13. This is a 2-year position with a possible extension for up to 5 years.

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

An application should include a curriculum vitae, a publication list, an outline of research interests, two selected publications, and at least two letters of reference. Applications and reference letters should preferably be sent via e-mail to maria.aksenovich@kit.edu. Alternatively, please use:

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

KIT – Universität des Landes Baden-Württemberg und nationales Forschungszentrum in der Helmholtz-Gemeinschaft.