



Paderborn University is a high-performance and internationally oriented university. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our employees in research, teaching, technology and administration a lively, family-friendly and equal opportunity environment, a lean management structure and diverse opportunities.

Join us to invent the future!

The Faculty of **Computer Science, Electrical Engineering and Mathematics** – Institute of Mathematics / Working Group of Discrete Mathematics / Graph Theory – is seeking for October 1st, 2024 to fill the position of

Research Associate (f/m/d)

(Salary is according to E 13 TV-L)

with 75 % of regular working time. The position is limited to a period of 3 years due to third-party funding within the meaning of the Wissenschaftszeitvertragsgesetz (WissZeitVG). The fixed-term period corresponds to the approved project period. It is a qualification position to support a PhD-project in the field of Mathematics.

Your tasks:

- Participation in the research of the group “Discrete Mathematics / Graph Theory”
- Research in the project: Snarks and their generalizations: r -Graphen

Your profile:

- Scientific degree (doctorate or master's / diploma degree) in mathematics or related fields
- Teamspirit and enthusiasm, ability to work independently
- Very good knowledge of graph theory, in particular in structure-, matching- and factor-theory, graph colouring and related fields.
- Very good written and spoken English skills

Since Paderborn University seeks to increase the number of female scientists, applications of female are especially welcome. In case of equal qualification and scientific achievements, they will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Policy (LGG), unless there are co-gent reasons to give preference to another applicant. Part-time employment is generally possible. Likewise, applications of disabled people with appropriate qualification are explicitly requested. This also applies to people with equal status according to the German social law SGB IX.

Please send your common material (including cover letter, cv, certificates, master thesis) via email in a single pdf-file by using the **reference no. 6483** until **June 21st, 2024** to Prof. Dr. Eckhard Steffen: graphentheorie@upb.de.

Information regarding the processing of your personal data can be found at: <https://www.uni-paderborn.de/en/zv/personaldatenschutz>.

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