

## PhD student (m,f,x)

Online seit 30.01.2025 | 2025-01-30-923366 | Wissenschaftliche:r Mitarbeiter:in

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### Stellenbeschreibung

The Chair of Algebraic combinatorics at the Faculty of Mathematics is looking for a

**PhD student (m,f,x), for 3 years, 29,8725 hours per week, TVL E13**

The successful candidate will work in the Algebraic Combinatorics research group of Prof. Christian Stump within the project „Combinatorial Polytope Theory“ funded by the German Research Foundation.

#### Your tasks:

- Research in Algebraic Combinatorics and Discrete Geometry
- Computer explorations using mathematical software such as SageMath
- Active participation and co-organization of events of the research group
- Collaboration with other researchers in the field, nationally and internationally

### Anforderungsprofil & Qualifikationen

#### Your profile:

- Applicants are required to have an academic degree (completed M.Sc.) in mathematics or a related field
- Knowledge in a research area related to the research group in Algebraic Combinatorics and interest in computer-aided explorations

#### Our offerings:

- Challenging and varied tasks with a high level of personal responsibility
- Team-oriented cooperation in a committed, international and appreciative team
- a dynamic environment
- Family-friendly working

**Additional information:**

At the request of the applicant (m,f,x), the staff council may be involved in selection interviews. <https://www.wpr.ruhr-uni-bochum.de/>

If the position is funded by third-party funds the employee has no teaching obligation.

German language courses are offered by the University Language Center (ZFA) in the field of German as a Foreign Language (DaF).

<https://www.daf.ruhr-uni-bochum.de/sbgk/index.html.en>

You can find information about TVL at: <https://oeffentlicher-dienst.info/>

A qualified application is anticipated.

**The Ruhr-Universität Bochum is one of Germany's leading research universities, addressing the whole range of academic disciplines. A highly dynamic setting enables researchers and students to work across the traditional boundaries of academic subjects and faculties. To create knowledge networks within and beyond the university is RUB's declared aim.**

The Ruhr-Universität Bochum stands for diversity and equal opportunities. For this reason, we favour a working environment composed of heterogeneous teams, and seek to promote the careers of individuals who are underrepresented in our respective professional areas. The Ruhr-Universität Bochum expressly requests job applications from women. In areas in which they are underrepresented they will be given preference in the case of equivalent qualifications with male candidates. Applications from individuals with disabilities are most welcome.

**Contact details for your application:**

Prof. Dr. Christian Stump, [christian.stump@rub.de](mailto:christian.stump@rub.de)

Travel expenses for interviews cannot be refunded.

For information on the collection of personal data in the application process see:

<https://www.ruhr-uni-bochum.de/en/information-collection-personal-data-application-process>.

We are looking forward to receiving your **application documents (cover letter, CV and certificates) in a single pdf file with the specification ANR: 4230 until 10.02.2025, send by e-mail to the following address: [alg-kombinatorik@rub.de](mailto:alg-kombinatorik@rub.de)**

**Please get in touch with the contact person named above if you would like to use an alternative application channel.**

## Vorteile für Mitarbeitende

- Vergünstigtes Jobticket
- Arbeitsplatz in lebendiger Metropolregion

## Stellenmerkmale

Beschäftigungsart	Wissenschaftliche:r Mitarbeiter:in
Beschäftigungsumfang	Teilzeit (befristet)
Home Office	Nein
Bewerbungslink	<a href="https://jobs.ruhr-uni-bochum.de/jobposting/b03cbd17c247ac0ad3d67c0004f93c2f352a059b?ref=stellenwerk">https://jobs.ruhr-uni-bochum.de/jobposting/b03cbd17c247ac0ad3d67c0004f93c2f352a059b?ref=stellenwerk</a>

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## Kontaktdaten

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