

## 12 PhD positions in Mathematics (m/w/d)

**Application Deadline:** March 31, 2024

**Employment Start:** October 2024

**Contract Duration:** 4 years

**Hours per week:** 30,00 h/W

The doc.funds project "Discrete Mathematics in Teams" offers 12 PhD positions in Graz, Austria. These positions are funded by the Austrian Science Fund (FWF) for up to four years and are available from Oct 1, 2024. The project has a focus on collaborative research - every PhD project will be supervised by a pair of advisors.

### The topics range over Discrete Mathematics interpreted in a broad sense and include

- Graph theory
- Commutative and Non-Commutative algebra
- Discrete Dynamics and Fractals
- Combinatorial Optimization
- Discrete Differential Geometry
- Discrete & Computational Geometry
- Number Theory
- Computational Topology
- Distributed Computing
- Additive and Probabilistic Combinatorics

The specific topics and their respective advisors are listed at: <https://docfunds.math.tugraz.at>

The doc.funds project is part of the "Graz School of Discrete Mathematics", a graduate program of highest international reputation, jointly run by Graz University of Technology and University of Graz. Students of this school enjoy additional benefits such as travel support, additional funds for extended research stays abroad, mentoring, a vibrant research seminar and more. The official language is English.

Details on how to apply can be found at the link above.

For full consideration your application has to arrive by March 31, 2024. Later applications will be considered until the positions are filled. A selection of candidates will be invited for interviews taking place on May 23.

*We offer an annual gross salary of at least € 34,500\* for 30 h/week (\*state 2023).  
An overpayment based on qualification and experience is possible.*

Graz University of Technology aims to increase the proportion of women, in particular in management and academic staff, and therefore qualified female applicants are explicitly encouraged to apply. Preference will be given to women if applicants are equally qualified. Graz University of Technology actively promotes diversity and equal opportunities. Applicants are not to be discriminated against in personnel selection procedures on the grounds of gender, ethnicity, religion or ideology, age, sexual orientation (Anti-discrimination). People with disabilities and who have the relevant qualifications are expressly invited to apply.

**Become part of the team of **Graz University of Technology** - we are looking forward to your application at [docfunds-applications@math.tugraz.at](mailto:docfunds-applications@math.tugraz.at) !**

#### Contact:

Any further inquiries regarding the position can be directed to [discrete@tugraz.at](mailto:discrete@tugraz.at) to Michael Kerber (speaker of the Graz School of Discrete Mathematics)