

Postdoctoral Research Position (2 years)

Institute of Discrete Mathematics and Geometry, TU Wien PI / Supervisor: Dino Rossegger **Deadline:** December 31, 2025

Description

We invite applications for a full-time, 2-year postdoctoral position in mathematical logic with emphasis on computability theory. The successful candidate will join the Computational Logic research group at the Institute of Discrete Mathematics and Geometry, TU Wien. The position is funded by the Austrian Science Fund (FWF) under project 10.55776/PAT4699225 (PI: Dino Rossegger).

Start date: Between April 1, 2026 and September 1, 2026. With good reason, an earlier or later start can be arranged.

Project Scope

The grant funding the position investigates the class of Turing degrees called treeable degrees, focusing on:

- their degree-theoretic properties,
- their relationship with other classes of Turing degrees, for example classes arising through arithmetic definability,
- and their connection with degrees of categoricity, a class of degrees arising in computable structure theory.

Role and Environment

The postdoc is expected to conduct independent research within the broader scope of the project and to collaborate with the PI and group members. The position supports the development of the candidate's own research profile and offers opportunities to mentor junior researchers. The successful applicant will be encouraged to engage with Vienna's lively logic community and to participate in international workshops and conferences.

There are no formal teaching obligations associated with this position.

Salary and Benefits

- Approx. €60,900 gross per year** (\sim €42,000 net) according to FWF salary rates
- Austrian mandatory health, retirement, and unemployment insurance included
- Annual travel budget of €4,000 for research related travel in line with FWF and TU Wien guidelines

Application Procedure

Please submit **a single PDF file** containing:

- a cover letter (1 page)
- a CV (including publication list)
- a research statement (past achievements and future plans)
- contact details of at least two academic references

Send applications to dino.rossegger@tuwien.ac.at.

Deadline: December 31, 2025 (applications will be reviewed until the position is filled).

If you have any questions please reach out using the above email address.