



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG



# JUNIOR PROFESSORSHIP (W1 WITH TENURE TRACK LEADING TO A W2) FOR MATHEMATICS, WITH A FOCUS ON DIFFERENTIAL EQUATIONS AND DYNAMICAL SYSTEMS

**Institution:** Faculty of Mathematics, Informatics and Natural Sciences

**Salary level:** W1 with Tenure Track leading to a W2

**Commencement of duties:** as soon as possible or 01.10.2023

**Application deadline:** 2023-01-12

## Responsibilities:

We are looking for an exceptional early career researcher. The successful candidate's duties include research and teaching in applied mathematics with a focus on one of the research areas: dynamical systems, mathematical modeling, numerical mathematics, partial differential equations, qualitative theories of ordinary and partial differential equations. Ideas for working with new and existing collaborative projects in the field, in particular with the Lothar Collatz Center for Computing in Science as well as the RTG2583, CRC181, CLICCS, and DASHH collaborative projects, as well as collaborative projects with the Hamburg University of Technology are desired.

The successful candidate is expected to take part in the University's core research area Climate, Earth and Environment .

The successful candidate is further expected to participate actively in the instruction of students pursuing a teacher training degree in the respective discipline.

Section 12 subsection 7 sentence 2 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) applies.

## Requirements:

Academic qualifications and additional requirements as specified in Section 18 HmbHG.

## Additional Criteria:

Applicants are expected to have international research experience as well as a successful track record in acquiring external funding and carrying out externally funded projects.

The University places particular emphasis on the quality of teaching and therefore requests that applicants provide details of their teaching experience and objectives.

Non-German-speaking post holders are expected to acquire the language skills necessary to teach in German (Level C1 of the Common European Framework of Reference for Languages) within two years of commencing employment.

Junior professors have academic autonomy in their research and teaching. Applicants' subject interests are expected to relate to topics in the area of applied mathematics.

As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

In accordance with Section 14 subsection 3 sentence 3 HmbHG, Universität Hamburg seeks to increase the proportion of women in teaching and research and encourages female academics to apply.

The junior professorship is aimed at researchers in the early stages of their career, no later than four years after the completion of their doctoral studies.

Severely disabled and disabled applicants with the same status will receive preference over equally qualified non-disabled applicants.

## Instructions for applying

### Contact

Prof. Dr. Ingenuin Gasser  
[ingenuin.gasser@uni-hamburg.de](mailto:ingenuin.gasser@uni-hamburg.de)

Prof. Dr. Jens Rademacher  
[jens.rademacher@uni-hamburg.de](mailto:jens.rademacher@uni-hamburg.de)

### Location

Bundesstraße 55  
20146 Hamburg  
[Zu Google Maps](#)

### Reference number

JP 347

### Application deadline

2023-01-12

Please submit your application electronically with your curriculum vitae, list of publications, teaching experience, successful record of acquiring external funding and conducting externally funded projects, copies of certificates and documents, 3 representative publications, teaching and research plans, and additional evidence of skills and experience (e.g., presentations, posters, significant roles held in organizations, etc.), and the reference number, by email as a single PDF file, to [Bewerbungen@uni-hamburg.de](mailto:Bewerbungen@uni-hamburg.de).

More information on [data protection](#) in selection procedures.