

The **University of Passau** owes its strong visibility and good repute to excellent research, innovative teaching and its tight-knit international academic networks. Some 12,000 students from 100 countries and more than 1,300 staff study and work on our University campus, which is located a stone's throw from the historical Old Town of Passau and combines state-of-the-art technical infrastructure with award-winning architecture. Internationally successful high-tech companies and a vibrant start-up scene, coupled with a rich culture and Lower Bavarian traditions, give Passau and the surrounding area a special appeal that makes it a great place to live and work.

The **Chair of Dynamical Systems**, Professor Fabian Wirth, invites applications for the position of

Graduate Teaching and Research Assistant/Associate

starting on **10 April 2022**. This position is based on a three-year fixed-term contract.

The group works in the general area of mathematical systems theory. Currently, the focus lies on the following topics:

- Input-to-state stability of infinite-dimensional systems
- Consensus and synchronisation
- Dynamics of switched systems
- Control-based distributed algorithms for large-scale optimisation
- Control of iterated function systems
- Operator theoretic methods for the analysis of dynamical systems

Based on the respective candidates' experience, the position can be filled at the postdoctoral level (full-time) or by someone pursuing a doctoral degree (0.75 full-time equivalent).

Your responsibilities

- A teaching load of five hours per week during the semester. Classes will be taught in German. Responsibilities include planning, administration and class hours.
- Collaborate on research projects in Dynamical Systems, preferably focusing on the topics mentioned above.
- You will be given the opportunity to pursue your doctoral studies.

Person specification

- Experience teaching mathematics in a university setting is would be beneficial.
- M.Sc. or doctorate in mathematics or a related subject; a focus on mathematical systems theory is desired.
- Experience conducting scientific research, ideally with an initial track record of participation in German or international conferences or journal papers.
- A work ethic that emphasises independent thinking, dependability and accuracy.
- Must have an analytical mind and exhibit initiative and creativity.
- Must be able to cope with stress.

What we offer you

- Remuneration in accordance with pay grade E13 of the German public-sector collective agreement TV-L, salary step dependent on qualifications and experience.
- A rewarding, diverse and challenging academic position on a modern, verdant campus located on the banks of the river Inn, a few minutes' walk from the historic Old Town of Passau.
- A great work climate in a family-friendly environment.

The University of Passau wishes to increase the proportion of its female staff and expressly encourages women to apply for the position. Job-sharing arrangements may be possible, depending on the number of suitable candidates.

This position is suitable for people with disabilities: registered disabled persons are given preference over non-disabled applicants who do not otherwise have statutory preferential status if their overall personal aptitudes, skills and qualifications are equal.

If you have any further questions about this position, please contact Ms Sandra Paliege by e-mail (sandra.paliege@uni-passau.de).

To apply, please send your full application (including school, training and work certificates) as *a single* pdf file to sandra.paliege@uni-passau.de by no later than **15 February 2022**. Applications may also be accepted at a later stage until the position is filled. Once the application process has been completed, we will retain your application on file for six months before deleting it from our computer systems.

Please visit www.uni-passau.de/en/university/current-vacancies for our data privacy statement.