The **University of Passau** owes its strong visibility and good repute to excellent research, innovative teaching and its tight-knit international academic networks. Some 11,000 students 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 Mathematical Data Science** at the University of Passau invites applications for the position of

Postdoctoral Researcher

to start on 1 January 2025 or later.

This is a part-time (75% of full-time) position for one year with the option of increasing the working hours to full-time.

Duties and responsibilities

- Plan, administer and deliver classes of a total of approximately 3.5 teaching contact hours per week
- Collaborate on research regarding approximate sampling of distributions, analysis of Markov chain Monte Carlo methods, Bayesian inference and algorithmic design in general on the borderline between Machine Learning and mathematics
- Organise and support conferences/sessions/workshops and grant proposals

Person specification

- Must have a doctorate in mathematics, statistics, Machine Learning or a related field
- Strong theoretical background in at least one of the following areas:
  - Markov chain Monte Carlo
  - Quasi-Monte Carlo
  - Stochastic processes
  - Bayesian inference
  - Numerical benchmarking

What we offer you

- Remuneration in accordance with pay grade E13 of the German public-sector collective agreement TV-L; the salary step depends on your 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.

This position is suitable for candidates with disabilities. Registered disabled candidates 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 Professor Daniel Rudolf by e-mail (daniel.rudolf@uni-passau.de).

To apply, please send your full application, including all supporting documents (such as your curriculum vitae, academic certificates and publication record) as *a single* pdf file to yvonne.seemann@uni-passau.de by no later than 13 December 2024. E-mailed applications are kept on file for six months after the conclusion of the appointment procedure, whereupon they are deleted from our systems.

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

Please note: Job advertisements are removed from the website after the application deadline.