



Paderborn University is a high-performance and internationally oriented university with approximately 18,000 students. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our around 2,600 employees in research, teaching, technology and administration a lively, family-friendly, equal opportunity environment, a lean management structure and diverse opportunities.

Join us to invent future!

The **Faculty of Computer Science, Electrical Engineering and Mathematics** at the Department of Computer Science – Machine Learning and Optimisation Group (Prof. Dr Heike Trautmann) – has the following two vacancies (100 % of the regular working time) at the earliest opportunity:

Research Assistant (f/m/d)

(salary is according to EG 13 TV-L)

These are qualification positions which either serve to support a PhD procedure or the scientific qualification in the post-doctoral phase in the field of machine learning and optimisation. Potential focus areas are Automated Algorithm Selection and Configuration, Evolutionary Optimisation, Data Stream Mining and Trustworthy Artificial Intelligence.

For doctoral candidates, this is a qualification position within the meaning of the Wissenschaftszeitvertragsgesetz (WissZeitVG), which serves to support a PhD procedure. For a post-doctoral phase, the position is intended to contribute to qualification with regard to a scientific career.

The positions are limited in time for the duration of the doctoral process, depending on the qualification achieved so far, but usually for a period of 3 years. Extensions are possible within the time limits of the WissZeitVG, if applicable.

Your duties and responsibilities:

- Teaching duties usually amounting to 4 teaching hours (SWS) per week
- Research in the field of machine learning and optimisation
- Presentation of research results at international conferences
- Knowledge transfer to students and teaching them how to apply scientific methods
- Participation in the preparation of research proposals

Hiring requirements:

- Scientific Master or Diploma degree (or PhD for post-docs) in computer science, information systems, statistics, data science or related areas
- Sound knowledge of machine learning, statistics and data science
- Sound knowledge of the programming languages Python, R and parallel computing
- Basic knowledge and interest in nature-inspired optimisation methods

We offer a friendly and flexible working environment as well as an ambitious, successful and collegial team with a strong and impactful international research network.

Since Paderborn University seeks to increase the number of female scientists, applications of female are especially welcome. In case of equal qualification and scientific achievements, they will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Policy (LGG), unless there are cogent reasons to give preference to another applicant. Likewise, applications of disabled people with appropriate qualification are explicitly requested. This also applies to people with equal status according to the German social law SGB IX.

Please send your application documents (preferably in a single pdf file) using the **Ref. No.6073 by September 6th, 2023** to: heike.trautmann@uni-paderborn.de.

Information regarding the processing of your person data can be located at: <https://www.uni-paderborn.de/en/zv/personaldatenschutz>.

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