



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 round about 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 the future!

The **Faculty of Computer Science, Electrical Engineering and Mathematics** at the Institute of Computer Science – **Knowledge Representation Group** – has the following vacancy (100% of the regular working time) at the earliest opportunity:

Post-Doc Research Assistant (f/m/d)

(Salary is according to EG 13 TV-L)

This is a qualification position within the meaning of the Wissenschaftszeitvertragsgesetz (WissZeitVG), which serves to support the scientific qualification in the post-doctoral phase in the field of knowledge representation and reasoning. Potential focus areas are fundamental research on reasoning methods in formal ontology languages (Description Logics), in particular, ontology-mediated query answering, learning in description logics, and nonmonotonic reasoning.

The position is initially awarded for a fixed term of 3 years. Extensions are possible within the time limits of the WissZeitVG, if applicable.

Your duties and responsibilities:

- Fundamental research in the field of knowledge representation and reasoning
- Presentation of research results at international conferences
- Participation in the preparation of research proposals, knowledge transfer to PhD students
- Teaching duties usually amounting to 4 teaching hours (SWS) per week (Teaching in the CS master courses at University of Paderborn is in English)

Hiring requirements:

- Doctoral degree (PhD) in computer science, ideally in the field of knowledge representation and reasoning, logic, formal methods or related areas
- Very good background in formal methods, e.g. logic, complexity and model theory
- Very good English speaking and writing skills

We offer a friendly and flexible working environment in a dynamic and research-oriented team with a strong international research network.

Should you have questions about the position or the application procedure, send an email to turhan@uni-paderborn.de.

Since Paderborn University seeks to increase the number of female scientists, applications of women 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. Part-time employment is possible. 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 (CV, publication record, copies of diplomas, and motivation letter – preferably in a single pdf file) using the **Ref. No. 6365** by **May 31st, 2024** to: marion.hucke@uni-paderborn.de. Later applications are considered until the position is filled.

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

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