



Paderborn University is a high-performance and internationally oriented university with approximately 18,000 students. Within interdisciplinary teams, we design forward-looking research, innovative teaching and the active transfer of knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our more than 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** – the following two vacancies (100 % of regular working hours) are to be filled at the earliest opportunity.

Research Associate (f/m/d)

(Pay scale EG 13 TV-L)

These are qualification positions, which serve to support a PhD procedure in the field of knowledge representation and reasoning. Potential focus areas are foundational research on reasoning methods in formal ontology languages (Description Logics), in particular, ontology-mediated query answering, learning in description logics, and nonmonotonic reasoning.

The positions are to be filled for a period of 3 years. Extensions are possible within the time limits of the Law "Wissenschaftszeitvertragsgesetz" (WissZeitVG), if applicable.

Your duties and responsibilities:

- Fundamental research in knowledge representation and reasoning
- Presentation of research results at international conferences
- 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:

- Scientific Master or Diploma degree in computer science, computational logic or related areas
- Good background in formal methods, e.g. logic, complexity theory and model theory
- Good English speaking and writing skills
- Experiences in implementing complex systems is a plus

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

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 including motivation letter, CV, transcript of records, copy of diplomas (preferably in a single pdf file) using the **Ref. No. 6364** by **May 31st, 2024** to: marion.hucke@upb.de. Later applications are considered until the positions are filled.

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

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

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