



Paderborn University is a high-performance and internationally oriented university. 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 employees in research, teaching, technology and administration a lively, family-friendly and 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** – Institute of Computer Science, **Knowledge Representation Group** – offers a position as a

Research Assistant (f/m/d)

(Salary is according to E 13 TV-L)

starting as soon as possible with 100 % of the regular working time. This is a qualification position and serves to support either a *PhD procedure* in the field of knowledge representation and reasoning or a *Post-Doc qualification phase* in the same research field. 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 non-monotonic reasoning.

The position is for a period of 3 years. The period of employment is governed by the Academic Fixed-Term Contract Act (Wissenschaftszeitvertragsgesetz – WissZeitVG). An Extension is possible within the time limits of the WissZeitVG, if applicable.

Your duties and responsibilities:

- Fundamental research in knowledge representation and logical reasoning as well as presentation of research results at international conferences
- Teaching duties usually amounting to 4 teaching hours (SWS) per week
- *For Post-Docs additionally:* support in writing research proposals and supervising PhD students

Hiring requirements:

- Good scientific university degree (Master or Diploma) in computer science, computational logic or related areas, ideally with focus on logic-based knowledge representation
- *Additional requirement for Post-Docs:* PhD in logic-based knowledge representation or related field
- Good background in formal methods, e.g. in logic, complexity theory and model theory
- Very good English speaking and writing skills and ideally very good German 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.

Since Paderborn University seeks to increase the number of female professors, applications of woman 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.

Should you have questions about the position or application procedure, please send an email to Prof. Dr.-Ing. Turhan (turhan@uni-paderborn.de).

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. 6531** by **July 31st, 2024** to: sek-kr@cs.uni-paderborn.de.

We look forward to receiving your application!

Information regarding the processing of your person data can be located at:
www.uni-paderborn.de/zv/personal Datenschutz.

Prof. Dr. Anni-Yasmin Turhan

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