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!**

In the **Faculty of Computer Science, Electrical Engineering and Mathematics** at Paderborn University, the following professorship is to be filled as soon as possible at the **Department of Computer Science**:

W2 – University Professorship (f/m/d) for Computer Systems

We are looking for an outstanding personality who represents the field of computer systems in research and teaching at the Department of Computer Science and is appropriately involved in the education of students, among others through a compulsory course in operating systems, in the study programs Computer Science and Computer Engineering. The sought personality should have an outstanding scientific track record in the field of computer systems and have published at competitive international venues and journals, for example in one or more of the following areas:

* System software, system programming, and virtualization
* Compiler construction and code generation for parallel target architectures or accelerator technologies
* Memory technologies and storage systems
* Scalable, reliable, secure, or resource-constrained systems

The Department of Computer Science is pursuing three strategic areas: Security, Data Science, and Domain-Specific Computing. Connectivity to at least the strategic area of Domain-Specific Computing is required.

We expect the position holder to be willing and interested in working on applications for large-scale projects – especially interdisciplinary ones – to actively help shape new projects and to integrate into existing research institutions. Paderborn University offers excellent opportunities for this with research facilities such as the SICP - Software Innovation Campus, the Joint Artificial Intelligence Institute (JAII), or the Paderborn Center for Parallel Computing (PC^2). There is also the possibility of collaborations with the Heinz Nixdorf Institute (HNI) and the Fraunhofer Institute for Mechatronic System Design (IEM). Initial experience in the acquisition of competitive third-party funding is desirable. Furthermore, the ability and willingness to teach in German and English and to participate in academic self-administration is expected.

With 15 interdisciplinary research institutions and participation in 8 collaborative research centres (5 in spokesperson function), 6 DFG research groups, 8 graduate colleges and 14 DFG priority programmes, Paderborn University is the ideal environment for implementing bold research ideas. As the location of a national high-performance computing centre, the university offers outstanding computing resources to implement these ideas.

Recruitment requirements: § 36 Abs. 1 Ziff. 1 to 4 HG NRW HG NRW (University law of the State of North Rhine-Westphalia) (completed university degree, pedagogical aptitude, Ph.D. degree and additional academic achievements).

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.

Paderborn University is certified as a family-friendly university. With our Dual Career Service, we support your partner with career orientation in the region if required. We will be happy to provide you with information about living and working in Paderborn and help you to find childcare options. If you are coming to us from abroad, our Welcome Services will support you on your arrival in Germany.

If you have any questions regarding the position or the application, please contact Prof. Dr. Eric Bodden (eric.bodden@uni-paderborn.de), head of the Department of Computer Science at Paderborn University.

Applications with the usual documents, including a research and teaching concept, are requested by **31st of January 2025** (**Ref. No. 6681**) electronically via the job portal of the Paderborn University: https://bewerbung.uni-paderborn.de/stellen/6681.

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

Prof. Dr. Eric Bodden
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