

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 the Department of Electrical Engineering and Information Technology – **Chair of Digital Systems and Integrated Circuits** – the following position is to be filled from October 1, 2026

Research Assistant (f/m/d)

(Salary level according to 13 TV-L)

with 100 % of the regular working hours. The position is initially limited to one year. It is a qualification position within the meaning of the German Act on Fixed-Term Research Employment Contracts for Academic Staff (Wissenschaftszeitvertragsgesetz "WissZeitVG") and serves the acquisition of scientific competencies through the development of a doctoral research project in one of the chair's research areas (e.g., Embedded/Edge AI systems and processors, or efficient digital systems based on More-than-Moore technologies). An extension is principle possible within the time limits of the "WissZeitVG".

Duties and responsibilities:

- Teaching duties usually amounting to 4 teaching hours (SWS) per week, including the supervision of Bachelor's and Master's theses, preparation and delivery of tutorials, as well as the preparation and grading of examinations
- Develop and pursue an original doctoral research project within the research areas of the Chair
- Conceive, conduct, and publish high-quality research in leading international conferences and peer-reviewed journals
- Present and represent the Chair's research at scientific conferences and in interactions with partners from industry, academia, and research organizations
- Contribute to academic self-governance and the administrative activities of the Chair

Recruitment requirements:

- Excellent university degree (Master's degree or equivalent) in Electrical Engineering, Computer Engineering, Computer Science, or a closely related field
- Strong background in digital systems, computer architecture, or VLSI design
- Solid programming skills in high-level programming languages (e.g., C, C++, Python) and/or hardware description languages (e.g., Verilog, VHDL, Chisel)
- High motivation and a strong interest in cutting-edge research in digital systems, computer architecture, or VLSI
- Good written and spoken English skills

We offer:

- Flexible working hours and the individual option of mobile working
- Wide range of health, counseling and prevention services
- Attractive fringe benefits such as childcare facilities and sports activities
- Opportunities for internal and external training and development
- Additional benefits in accordance with the collective agreement of the federal states (TV-L), such as annual bonuses and capital-forming benefits as well as the VBL supplementary pension scheme

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to state law (LGG), unless there are preponderant reasons to give preference to another applicant. Part-time employment is generally possible. Applications from disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with the German social law SGB IX.

Please send your application documents (preferably in a single pdf file) using the **Ref. No. 7334** until **July 31, 2026** to lennart.bamberg@uni-paderborn.de.

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

Prof. Dr.-Ing. Lennart Bamberg (starting October 1, 2026)
Faculty of Computer Science, Electrical Engineering and Mathematics
Digital Systems and Integrated Circuits
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HR EXCELLENCE IN RESEARCH

