

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 – **Research Group Digital Systems and Integrated Circuits** (Prof. Dr.-Ing. Lennart Bamberg, starting October 1, 2026) – the following position as a

Technical Specialist (f/m/d)

(up to salary level according to 11 TV-L collective bargaining agreement, depending on individual qualifications)

is to be filled by October 1, 2026 with 100 % of the regular working hours. This is a permanent position.

The primary role involves establishing, operating, and continuously improving the technical, digital, and experimental infrastructure of the Department of Digital Systems and Integrated Circuits. The position supports research and teaching activities in FPGA, ASIC, and system development, as well as the operation of modern development and IT environments.

Duties and responsibilities:

- Establish, operate, and further develop the IT, laboratory, and development infrastructure of the department
- Support research and teaching activities in digital systems, embedded systems, and integrated circuits
- Maintain and enhance development environments, servers, and technical laboratory infrastructure
- Assist in the development and commissioning of FPGA, ASIC, and electronic prototypes
- Provide technical support to students, research staff, and laboratory practical sessions

Recruitment requirements:

- Completed university degree (Bachelor's or equivalent) in Electrical Engineering, Computer Engineering, Computer Science, or a related field; alternatively, a completed technical vocational qualification with further professional education (e.g., certified state-recognized technician)
- Interest in digital systems, embedded systems, or microelectronics
- Independent, meticulous, and team-oriented working style
- Good English communication skills
- Proficient skills in Linux and programming
- Willingness to familiarize yourself with new technologies and areas of responsibility
- Experience with embedded systems, ASIC/FPGA design, PCB development, or generative AI is desirable but not required.

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
- Collegial work environment with ample opportunities to shape your role
- High degree of autonomy and independent decision-making

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.

Applications, including the standard documents, should be submitted online via the University of Paderborn's application portal by **July 31, 2026**, quoting **reference number 7336**: <https://bewerbung.uni-paderborn.de/stellen/7336>.

For questions regarding the position, please contact Dr.-Ing. Lennart Bamberg at: lennart.bamberg@uni-paderborn.de.

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