

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 Computer Science – Research Group **“System Security”** – the following position is to be filled as soon as possible

Research Assistant (f/m/d)

(Salary level according to 13 TV-L)

with 100 % of the regular working hours. This is a position initially limited to four years due to third-party funding within the meaning of the German Act on Fixed-Term Research Employment Contracts for Academic Staff (Wissenschaftszeitvertragsgesetz “WissZeitVG”). The duration of the fixed term corresponds to the expected approved project period. The possibility of a doctorate / further academic qualification is given. An extension is principle possible within the time limits of the “WissZeitVG”.

Project description and duties:

The position is part of the DFG project “Systematic Security Analysis of Production Systems”. The project focuses on investigating security risks in modern production environments. In particular, it analyzes attacks on additive manufacturing systems, industrial robots, and communication protocols used in production (e.g., OPC UA) with the aim of sustainably improving their security and resilience.

Responsibilities include:

- Individual research in the above-mentioned or related topics (80 %)
- Dissemination and transfer of research results (20 %)

Recruitment requirements:

- Scientific university degree (Master or equivalent)
- Very good written and spoken English skills
- Programming skills in C/C++ and/or Java are an advantage
- Knowledge of practical attacks, attack models, and security analyses of cryptographic protocols is an advantage

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 (a short statement of research interest (1-2 pages), a curriculum vitae, transcripts and diplomas, letters of recommendation (if any) preferably in a single PDF-file) using the **Ref. No. 7331** until **July 31, 2026** to juraj.somorovsky@uni-paderborn.de.

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

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HR EXCELLENCE IN RESEARCH

