



Paderborn University is a high-performance and internationally oriented university with approximately 18,000 students. 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 around 2,600 employees in research, teaching, technology and administration a lively, family-friendly, equal opportunity environment, a lean management structure and diverse opportunities.

Join us to invent future!

In the Faculty of Computer Science, Electrical Engineering and Mathematics, the **Department of Computer Science – Networked Systems Group**, offers two full-time positions as

Research Assistant (f/m/d)

(Salary is according to EG 13 TV-L)

starting as soon as possible in the following research areas:

- **Ref. 6187:** programmable networks and in-network computing
- **Ref. 6188:** IoT systems, e.g., intermittent computing, battery-free devices

This is a qualification position in the sense of the Wissenschaftszeitvertragsgesetz (WissZeitVG), which serves to promote a doctoral program in the field of computer science. The position is to be filled for a limited period for the duration of the doctoral procedure, depending on the qualification achieved, but for a period of usually 3 years. An extension for the completion of the doctorate is possible within the time limits of the WissZeitVG, if applicable.

The Networked Systems group develops concepts and methods to make networked systems, ranging from large-scale data centers to tiny IoT devices, more usable and sustainable. Our focus is on creating better programming tools, middleware, and protocols leveraging emerging hardware. We are looking for highly motivated PhD researchers to join our international team.

Area of responsibility:

- Conducting research on networked systems
- Participating in teaching activities, usually 4 hours per week

Hiring requirements:

- Scientific master's degree in computer science or a related field
- Keen interests in network architecture, protocols, and practical systems research
- Good knowledge and understanding of computer networks and operating systems
- Good programming skills in languages such as C/C++, Rust
- Very good command of English, both written and spoken

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to the 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 should comprise the following: a one-page motivation letter, a detailed CV containing education and employment records, transcripts of bachelor and master's studies, and contact details of at least two references. Applications must be received with the respective **reference number** preferably in a single pdf file by email to: lin.wang@uni-paderborn.de.

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

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