Paderborn University is a high-performance and internationally oriented university with approximately 20,000 students. Within interdisciplinary teams, we design forward-looking research, innovative teaching and the active transfer of knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our more than 2,300 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 the future!

In the Heinz Nixdorf Institute and in the faculty of Electrical Engineering, Computer Science and Mathematics, the Department of Computer Science, Distributed Embedded Systems group offers a position as a

**PostDoc (f/m/d)**
*(the Salary is according to TV-L 13)*

The full-time position will be filled as soon as possible for initially two years due to external funding in accordance with the federal state Science Employment Law (WissZeitVG). The contract period corresponds to the approved project period. Salaries will be according to the German TV-L E13 system.

We are looking for a talented graduate of Computer Science or Electrical Engineering who wants to pursue his or her research as a PostDoc at the Dept. of Computer Science, University of Paderborn. The position is within the Distributed Embedded Systems group headed by Prof. Falko Dressler.

Our research objectives include adaptive wireless networking, self-organization techniques, and embedded system design with applications in ad hoc and sensor networks, Internet of things, vehicle-to-X networks, industry automation, cyber physical systems, industry 4.0, and nano-networking.

The position offers the opportunity to explore and develop own research within one of the following areas:

- 5G and the Tactile Internet
- Mobile Edge Computing
- Cyber-Physical Systems
- Multi-Technology Networking Architectures

For more information, please refer to our website at [http://www.ccs-labs.org/](http://www.ccs-labs.org/).

A deep understanding of wireless networking principles is required; experience one of the above mentioned research domains is considered a plus.

Successful candidates are expected to contribute to research projects and teaching as active members of our team. We expect that the candidate is motivated to investigate and to establish new research fields and to contribute in writing new project proposals. In return, we provide a relaxed and inspiring working atmosphere.

Applicants should have earned, or should be about to earn, a PhD in computer science, electrical engineering, or in a related area, and have demonstrated prior achievements in any of the above areas.

All applicants should possess good written and oral communication skills in English, at least basic knowledge of German, a strong mathematical background, and programming experience. Enthusiasm for leading-edge research, a mix of creativity and persistence, and team spirit are essential.

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Act (LGG), unless there are preponderant reasons to give preference to another applicant. Part-time employment is, in principle, 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.

Interested applicants should send a letter of motivation, a curriculum vitae, scanned transcripts and diplomas, and contact information of at least two references per electronically to Prof. Falko Dressler <dressler@ccs-labs.org> using the subject line "PostDoc @ CCS" under the ref. no. 4034.

Heinz Nixdorf Institute  
Paderborn University  
Department of Computer Science  
Prof. Dr. Falko Dressler  
Fuerstenallee 11  
33102 Paderborn

[www.upb.de](http://www.upb.de)