PhD Positions in the scope of Wireless Networking

We are looking for talented graduates of Computer Science or Electrical Engineering who want to pursue their studies with a PhD at the Heinz Nixdorf Institute / Dept. of Computer Science, University of Paderborn. The position is within the Distributed Embedded Systems group coordinated by Prof. Dr. 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, tactile internet, industry 4.0, and nano-networking.

The position is not bound to specific research projects but offers the opportunity to explore and develop own research within one of the following areas:

- *Ultra-low power communication and embedded system design*
- *Distributed real-time control and congestion control*
- *Modeling, simulation, and experimentation*

For more information, please refer to our web site at http://www.ccs-labs.org/.

A deep understanding of the principles of wireless networking is required; knowledge in software defined radio, network coding, or relaying techniques, or simulation techniques is considered a plus.

Successful candidates are expected to contribute to research projects and teaching as active members of our young team. In return, we provide a relaxed and inspiring working atmosphere allowing you to address interesting and challenging research problems.

The position will be filled as soon as possible for two years with an option to be extended to five years. Salaries will be according to the German TV-L E13 system.

Applicants should have earned, or should be about to earn, an M.Sc. degree or 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, a strong mathematical background, and programming experience. Enthusiasm for leading-edge research, a mix of creativity and persistence, and team spirit are essential.

Interested applicants should send a letter of motivation, a curriculum vitae, scanned transcripts and diplomas, and contact information of at least two references electronically to the email address info@ccs-labs.org using the subject line "PhD @ CCS".