

PostDoc Position in Wireless Networking and Communications

We are looking for a talented graduate of Computer Science, Computer Engineering, or Electrical Engineering who wants to continue his or her research as a PostDoc at the School of Electrical Engineering and Computer Science, TU Berlin, Germany. The position is part of the Telecommunication Networks group headed by Prof. Falko Dressler.

Our research objectives include adaptive wireless networking (sub-6GHz, mmWave, visible light, molecular communication) and wireless-based sensing with applications in ad hoc and sensor networks, the Internet of Things, and Cyber-Physical Systems. Our current projects focus on novel and innovative concepts for 5G/6G communication systems, digital smart cities of tomorrow, and vehicular applications, emphasizing on communication technologies and cooperative assistance systems.

The candidate is expected to contribute to the ongoing research activities in the following fields; as well as to explore and develop own research activities.

- **5G and beyond, 6G, Tactile Internet**
- **Mobile Edge Computing**
- **Multi-Technology Networking Architectures**

For more information, please refer to our web site at <http://www.tkn.tu-berlin.de/>.

A deep understanding of wireless networking principles is required; experience one of the above mentioned research domains is considered a plus. We expect the candidate to have excellent programming experience (Python, C++, Matlab) and very strong Linux expertise.

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

The salary is very competitive; according and to the German TV-L 13 system (at least 2,200 Euro after tax).

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

All applicants should possess excellent written and oral communication skills in English, **very good 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.

Interested applicants should send a letter of motivation, a curriculum vitae, scanned transcripts, and contact information of at least two references electronically to Prof. Falko Dressler <dressler@ccs-labs.org> using the subject line "PostDoc @ TKN".