



Two PhD Positions in Wireless Networking

Chiffre: MIP7298; Application deadline: December 31, 2012

The University of Innsbruck, currently ranked best Austrian university by Times Higher Education, was founded in 1669. Today it offers a complete set of academic curricula and counts 28,000 students. Newly established in 2001, the Department of Computer Science has quickly become #1 in the internal research ranking.

Two positions are open in the Computer and Communication Systems Group (Lehrstuhl für Technische Informatik) headed by Prof. Falko Dressler. Our research activities are focused on **adaptive wireless networking** and self-organization methods with applications in wireless ad hoc and sensor networks, inter-vehicle communication, bio-inspired and nano-networking, and network security. For more information, please refer to our web site at <http://www.ccs-labs.org/>.

These positions are not bound to specific research projects but offer the opportunity to explore and develop own research within the following areas:

- *Inter-vehicle communication for safety and efficiency applications*
- *Robust and interference-aware real-time communication*
- *Energy-aware access techniques and routing mechanisms*

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 positions will be filled for three years, starting in March 2013. Salaries will be according to the Austrian Kollektivvertrag (scientific staff, group B1, 75%).

Applicants should have earned, or be about to earn, a M.Sc. degree in computer science, in electrical engineering, or in a related area, possess an excellent academic record, 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 until December 31, 2012. Applications should refer to the chiffre MIP7298 and be mailed to

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