

49th Meeting of the VDE/ITG Section 5.2.4

IP and Mobility

Dresden, June 10th, 2016 hosted by TU Dresden

<http://itg.lkn.ei.tum.de/>

Call for Contributions

Within its series of round tables, the VDE/ITG Section 5.2.4 “IP and Mobility” organizes a workshop on the topic

5G Mobile Networks - Towards the Tactile Internet

The workshop will take place at TU Dresden, Deutsche Telekom Chair of Communication Networks, Georg-Schumann-Str. 9, 01062 Dresden, Germany, on June 10th, 2016. We solicit:

- Technical overview presentations
- Presentations of results of ongoing research
- Project presentations/demo
- Visionary (possibly provocative) presentations

The term “Tactile Internet” has emerged over the past years for future mobile networks to address requirements of low latency machine-to-machine communication. The objective of this workshop is to bring together stakeholders from telecom operators, vendors, and academia to discuss the current state, challenges and developments towards the Tactile Internet. Topics of particular interest include:

- Network and service end-to-end architecture
 - Flexible, programmable network architectures (SDN)
 - Dynamic placement of network functions (NFV)
 - Network Slicing
- Radio access network architecture
 - 5G Access Techniques
 - 5G Architectures
- Fusion of Cloud and Network Function
- Support for latency critical applications
 - Haptic communication
 - Automation and control applications
 - Cyber Physical Systems
- Implementation Platforms
 - Openstack
 - OpenFlow
- Security Aspects of 5G Networks
- Standardization aspects
 - IETF/ETSI/IEEE

Please inform the workshop organizers about your planned contribution by **May 9th, 2016**. The number of contributions is limited and assigned on a first come first served basis. The workshop program will be published mid of May. Participants should register via email by **May 30th, 2016**.

The **workshop** will take place in the morning/afternoon of **June 10th, 2016**. On the evening before a joint **dinner** for all participants on a self-pay basis will be organized. Please also note that on Friday, June 10th the Dresden “Lange Nacht der Wissenschaft” (<http://www.wissenschaftsnacht-dresden.de/>) takes place starting at 18:00.

For further questions, please do not hesitate to contact the workshop organizers:

- Frank Fitzek (frank.fitzek@tu-dresden.de)
- Dirk Staehle (dstaehle@htwg-konstanz.de)
- Wolfgang Kellerer (wolfgang.kellerer@tum.de)

Website: <http://itg.lkn.ei.tum.de/>