48th Meeting of the VDE/ITG Section 5.2.4

IP and Mobility

Munich, December 10th/11th, 2015 hosted by NOKIA Networks

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

5G System Architecture

The workshop will take place at Nokia Networks, St.-Martin Str. 76, 81541 Munich, Germany, on December 10th, 2015. We solicit:

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

Specification work in 3GPP on the 5th Generation of mobile networks is expected to start early in 2016. The objective of this workshop is to bring together stakeholders from telecom operators, vendors, and academia to discuss the current state and challenges of the future 5G system architecture. Topics of particular interest include (without limiting the scope of the workshop):

- Network and service end-to-end architecture
    - C-/U-plane split
    - Novel QoS and QoE concepts
    - Service architecture
    - Multi-edge connectivity
    - Mobility management
- 5G RAN Architecture
    - Multi-connectivity concepts, interfaces, handling and control
    - RAN functional split/Fronthaul split options
    - RAN functional placement
    - Multi-RAT integration for licensed and unlicensed radio interfaces
    - QoS and QoE handling
- Flexible and virtualized network
    - Flexible functional allocation
    - Cloudification, edge clouds, cloud placement
    - Network slicing, orchestration, service chaining
    - Mobile edge computing
- Standardization aspects: SDO scoping, Phasing, objectives

Please inform the workshop organizers about your planned contribution by **November 2nd, 2015**. The number of contributions is limited and assigned on a first come first served basis. The workshop program will be published mid of November. Participants should register via email by **November 9th, 2015.**

The **workshop** will take place in the afternoon of **December 10th, 2015,** followed by a joint **dinner** for all participants on a self-pay basis. In the morning of **December 11th, 2015,** the ITG 5.2.4 internal section meeting will take place, which is open to guests. Please contact us if you are interested in our work.

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

Andreas Mäder (andreas.maeder@nokia.com)

Cinzia Sartori (cinzia.sartori@nokia.com)

Dirk Staehle (dstaehle@htwg-konstanz.de)

Wolfgang Kellerer (wolfgang.kellerer@tum.de)