46. Treffen der VDE/ITG-Fachgruppe 5.2.4

IP and Mobility

5G: Visions, Requirements, Solutions

Location Lehrstuhl für Kommunikationsnetze, TU München
Room 1977, Arcisstrasse 21, TUM Stammgelände, 80333 Munich, Germany
Date December 4, 13:00-19:00 (Workshop)
December 5, 10:00-12:00 (Fachgruppensitzung)

Agenda

13:00-13:10 Welcome
13:10-14:30 **Session 1**: 5G RAN
Andreas Mäder (NEC): Functional Split Options for Centralized RAN with Imperfect Backhaul
Fasil B. Tesema (Nokia): Abstract RRM for Multi-connectivity in the presence of Mobility
Markus Gruber (Alcatel-Lucent): Mobile Network Sharing
Frank Fitzek (TU Dresden): Holistic View on 5G
14:30-14:45 *Coffee Break*
14:45-15:25 **Session 2**: Device-to-device (D2D) Communicaton
Markus Klügel (TU München): D2D Communication: on efficiency and feasibility
Maciej Mühleisen (TU Hamburg-Harburg): D2D for LTE-Advanced
15:25-16:05 **Session 3**: 5G Core Network
Michael Till Beck (LMU): NFV as an enabler for a flexible next-generation network core
Valentin Vlad, Julius Müller (Fraunhofer FOKUS): 5G Core Network Evolutions
16:05-16:30 *Coffee Break*
16:30-17:15 **Session 4**: 5G Requirements and Use Cases
Nadia Brahmi (Ericsson): 5G – Enabler for new use cases in the Networked Society
Robert Diemer (Deep Innovation): Die Rolle von 5G in intelligenten Netzen
Mikhail Vilgelm (TU München): 5G- Requirements from Industry 4.0/Smart Grid
17:15-18:00 **Session 5**: 5G Visions
Jürgen Belschner, Hans Einsiedler (T-Labs) : An operator perspective on 5G in METIS
Qing Wei (DOCOMO Euro-Labs): An operator's view on the 5G Core network
Yunyan Chang (Huawei): Making Massive Connectivity a Reality: On the Way to 5G
18:00-18:45 Panel with Participants from Sessions 4 and 5
18:45-19:00 Wrap-Up
19:30- Self-Pay Dinner in Augustiner-Keller

Fr, 10:00-12:00 Fachgruppentreffen (open for all participants)

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