

## 44. Treffen der VDE/ITG-Fachgruppe 5.2.4

### Mobilität in IP-basierten Netzen

# Mobile Network (Function) Virtualization and Software Defined Networking

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**Location** Lehrstuhl für Kommunikationsnetze, TU München  
Arcisstrasse 21, TUM Stammgelände, 80333 Munich, Germany

**Date** November 15, 9:00-17:00

### **Agenda**

- 8:45-9:00 Registration
- 9:00-9:10 Welcome
- 9:10-10:30 **Session 1:** Overview on SDN and NFV  
Walter Haeffner (Vodafone): SDN and Virtualization: Service Chaining  
Joan Triay Marques (DOCOMO Euro-Labs): Overview of ETSI NFV Activities  
Julius Müller (Fraunhofer FOKUS/TU Berlin): Mobile Cloud – Combining  
EPC, SDN and NFV
- 10:30-11:00 Coffee Break
- 11:00-12:30 **Session 2:** SDN  
Marco Hoffmann (NSN): tba.  
Arsany Basta (TU München): A Virtual SDN-enabled LTE EPC Architecture:  
a case study for S-/P-Gateway functions  
Florian Wamser (Universität Würzburg): SDN-based application aware  
networking  
Thomas Bauschert (TU Chemnitz): Interworking of NFV/SDN with QoE  
Monitoring in mobile networks
- 12:30-13:30 Lunch Break incl. Demo
- 13:30-14:40 **Session 3:**  
Andreas Gladisch, Fritz-Joachim Westphal (Deutsche Telekom): Carrier  
Landscape for SDN  
Dirk Kutscher (NEC): Challenges for Software-Defined Mobile Networks  
Andreas Blenk (TU München): Dynamic Virtual Network Embedding
- 14:40-15:10 Coffee Break
- 15:10-16:50 **Session 4:** Security  
Andreas Brinner (genua mbh), BMBF Project vmFire  
Andreas Fischer (Universität Passau): Secure Embedding of Virtual  
Networks  
Artur Hecker (Huawei): Carrier SDN: Security and Resilience Requirements
- Session 5:** Wireless Access  
Nico Bayer (T-Labs): CloudMAC - Towards Software Defined WLANs  
Thomas Werthmann (Universität Stuttgart): Baseband Pooling in 4G  
Cellular Networks
- 16:50-17:00 Wrap-Up

**Registration**

For registration to the workshop please send an email to Wolfgang Kellerer until November 8. The number of participants is limited to 35. There is no registration fee.

Please indicate whether you will join the self-pay social event on Thursday evening Nov 14. Detailed time and place will be announced.

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<http://www.ikr.uni-stuttgart.de/Content/itg/fg524/>