

## CALL FOR PARTICIPATION - ONIT 2011 @ COMPSAC 2011

### 3rd International IEEE Workshop on Open NGN and IMS Testbeds (ONIT) "Next Generation Network Evolution Towards Future Internet"

July 18th, 2011, Munich, Germany

[www.onit-ws.org](http://www.onit-ws.org)

#### Organizing Committee

Julius Mueller

Technical University Berlin

Rebecca Copeland

Huawei, Europe

#### Steering Committee

Thomas Magedanz

TU Berlin/Fraunhofer FOKUS

The demand for higher data rates in fixed and mobile networks is continuously growing. A higher density of the overall wireless network coverage emerges from the maintenance of current 2G and 3G technologies and parallel deployment of the new 4G technology, namely Long Term Evolution (LTE) and Evolved Packet Core (EPC) as well as wireless LAN hotspots. The combination of the pure packet switched LTE radio and EPC requires interoperability with classic circuit switched 2G/3G mobile telecommunication core networks, to ensure seamless service usage enabled through IP Multimedia Subsystem (IMS) with VoLTE or other data services.

The 3rd International IEEE Workshop on Open NGN and IMS Testbeds 2011 (ONIT 2011) will give insights into the state-of-the-art technologies concerning open Next Generation Fixed and Mobile Broadband Packet Core Networks and Testbeds at an international scale. The objective is to evaluate and share the experience on the quality and impact of such Testbeds in order to improve current offerings and position them for future challenges. Therefore methodologies, mechanisms, concepts and research results, which address the design, deployment, prototyping and evaluation of Next Generation Fixed and Mobile Broadband Packet Core Networks (NGN), their evolution towards Future Internet (FI) and related application domains are target.

#### Important dates

July 18th, 2011

Workshop date

#### Links

[ONIT 2011](#)

[COMPSAC 2011](#)

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#### Contact

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#### Supported by



##### 1. Session - Session Chair: Julius Mueller

- Chair's Welcome and Opening Words
- Keynote Presentation: 'Mobile Service Evolution und Research Trends in Future Internet', Kurt Tutschku (University of Vienna)
- 'HIVE - Enabling ETSI IMS Plugtests Events', Giulio Maggiore (Telecom Italia), Julien de Chanaud (European Telecommunications Standards Institute), Julius Mueller (TU Berlin), Andreas Röth (Neustar GmbH)

##### 2. Session - Session Chair: Julius Mueller

- 'Policies to Enable Serving Untrusted Services on Alternative (non-3GPP) and Untrusted Access Networks in EPS', Rebecca Copeland (Huawei/Coreviewpoint)
- 'A Framework for the Management of Operator Policies and User Preferences for Service Compositions in the IP Multimedia Subsystem', Mosiuoa Tsietsi (Rhodes University)
- 'A Dynamic Host Configuration Protocol based Service Discovery Mechanism', Stephan Massner, Tom Weber (Hochschule fuer Telekommunikation Leipzig)

##### 3. Session - Session Chair: Rebecca Copeland

- 'IMS Threat and Attack Surface Analysis using Common Vulnerability Scoring System', Sami Petäjäsoja, Heikki Kortti, Ari Takanen, Juha-Matti Tirilä (Codenomicon Ltd.)
- 'End-to-End QoS Model for Mobile WiMAX Systems', Sunghyun Cho, Jae-Hyun Kim, Jonghyung Kwun (Gyeongsang National University)
- 'Invited talk: National IP Interconnection issues and implementing IMS Peering solutions', Pieter Veenstra (KPN)

##### 4. Session - Session Chair: Rebecca Copeland

- 'IMS/NGN Service Lab.: a testbed for creating innovative IMS/NGN service applications', Shin-ichi HANDA, Junnosuke YAMADA, Hiroya MINAMI, Daichi NAMIKAWA, Michio SHIMOMURA (NTT Service Integration Laboratories)
- 'Demo: Teleweaver - next generation enabler for rural telecentres and access nodes', Mosiuoa Tsietsi (Rhodes University)
- 'Closing Remarks + Discussion'

Register and participate under: <http://compsac.cs.iastate.edu/registration.php>