

ONIT 2010 @ TRIDENTCOM 2010
2nd Open NGN and IMS Testbeds Workshop
May 18th, 2010, Berlin, Germany
www.onit-ws.org

Organizing Committee

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Important dates

December 17th, 2009

Submission deadline

January 15th, 2010

Notification of acceptance

February 15th, 2010

Submission of

camera-ready papers

May 18th, 2010

Workshop program

Links

[TRIDENTCOM 2010](#)

[ONIT 2010](#)

[Paper Submission](#)

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The Open NGN and IMS workshop 2010 (ONIT 2010) will give insights into the state of the art concerning open NGN/NGMN and IMS testbeds at an international scale. The workshop will be held in conjunction with TRIDENTCOM 2010, the 6th International Conference on Testbeds and Research Infrastructures for the Development of Networks and Communities. 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. Especially, the role of open source software for NGN/NGMN testbeds, as well as how such software and infrastructures can be provided in line with Service Oriented Architecture (SOA), Infrastructure as a Service (IaaS) and Software as a Service (SaaS). Also in scope will be the latest developments into standardization and research on topics related to NGN/NGMN, like the integration between IMS and new all-IP converged network technologies as EPC based networks, with special insight on how cost-effective and accelerated R&D can happen on traditionally difficult fields with the help of open testbeds. The workshop will feature invited keynotes presenting international NGN/NGMN and IMS testbed initiatives. Scientific papers will concentrate on academic aspects of testbeds of NGN and IMS as well as deployment, access, management, and governance issues.

Areas of Interest include but are not limited to:

- **Open Source IMS/NGN components and core development**
 - Open Source software as a driver for cost efficient testbeds
 - Using and enhancing Open Source software in a telecom environment
 - Solving Common-IMS convergence issues with open source components and testbeds
- **NGN/IPTV/IMS testbeds interconnection and converged services**
 - NGN testbed and interconnections
 - NGN based IPTV and NGN multimedia/converged services
 - IPTV hybrid services (IPTV and DVB-H interworking)
 - Service development, End-user design services and testbeds, i.e. LivingLabs
- **Security in Next generation systems & Service-oriented techniques**
 - Advances in NGN/NGMN IMS, EPC and SOA testbeds
 - Advances in SIP, Diameter and other NGN relevant protocol standardization and components
- **Web 2.0**
 - Intelligent terminals, new user interfaces and Web2.0 capabilities
 - Semantic Web services
 - Web TV versus Internet TV and P2P video streaming
 - Internet TV services delivery on a multi-platform basis (TV set, mobile device, PC, ...)
- **Evolutions in Service Delivery Platforms and their integration to IMS**
 - IaaS and SaaS concepts for testbeds and testing outsourcing
 - SOA principles applied to testbeds
 - Web 2.0 applications and IMS (IP Multimedia Subsystems)
 - Service Provisioning Platforms & Service Roaming
- **Testbed management & Operational aspects**
 - Virtualization for testbeds
 - Deployment and governance issues in testbeds
 - Resource description and data models for testbeds
 - Semantic description techniques and ontologies in the testbed domain