

Friday, 10 December
Miami, Florida

IEEE Globecom 2010 FUSECO Workshop

Future Seamless Communication: Packet Core Evolution
and Seamless Multimedia Application Platforms

Paper
Submission:
July 2, 2010

This workshop is part of
IEEE Globecom 2010



www.ieee-globecom.org/2010

IMPORTANT DATES

- Paper Submission due:
July 2, 2010 (Friday)
- Decision notification due:
August 13, 2010 (Friday)
- Camera-ready & registration
due: Aug 31, 2010 (Tuesday)

CO-CHAIRS

Prof. Thomas Magedanz
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Fraunhofer FOKUS, Germany

Dr. Vijay K. Varma
Telcordia, USA

Prof. Kee Chaing Chua
National University of Singapore

www.fuseco-workshop.org

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Call for Papers

IEEE FUSECO Workshop on Future Seamless Communications:
Packet Core Evolution and Seamless Multimedia Application Platforms,
Miami, Florida, USA, December 10th, 2010, www.fuseco-workshop.org
as part of IEEE Globecom 2010 „Moving into the age of Mobile Interactivity“
www.ieee-globecom.org/2010

The trend towards All-IP networks in fixed and mobile domains, also referred to as Next Generation Network (NGN) and Next Generation Mobile Networks and the increasing demand for the efficient support of multimedia services across various wireless and wireline access networks is accelerating globally. For example, with the intended roll out of new wireless broadband access networks, such as the Long Term Evolution (LTE) or WiMax, the interworking with existing 3G, 2G and WLAN access networks becomes crucial. Alongside the evolution of the wireline core network and emergence of new overlay control networks, such as the IP Multimedia System (IMS), intelligence in the wireless domain is also moving out of the different access networks into a common Evolved Packet Core (EPC). This workshop on „Future Seamless Communications: Packet Core Evolution and Seamless Multimedia Application Platforms“ is intended to bring together academia and industry to debate on the research challenges related to integration and interworking of various access network technologies into an evolved packet core as well as the provision of multimedia services, such as voice and video services.

Authors are invited to submit original technical papers covering but not limited to the topics of interest listed below:

- EPC access network integration
- 3GPP and non-3GPP network integration
- Evolved Packet Core OA&M
- EPC and IMS Interworking
- Multimedia Application Provision above EPC
- Voice Services above EPC
- Mobile Cloud Computing above EPC
- Application Function options above EPC and integration into EPC
- Dynamic Applications Invocation
- EPC Rollout and Packet Core Network Evolution
- Fixed and mobile NGN integration
- Beyond NGN and Internet
- Mobile Next Generation Network Standards and Prototyping
- Cross access network mobility management
- Dynamic Access Network Discovery and Selection
- QoS provision across multiple access network domains
- Cross access network security issues and solutions
- Future Internet research impacts on packet core evolution
- Self organizing networks (SON)

Important Dates are:

- Submission due: July 2, 2010 (Friday)
- Decision notification due: August 13, 2010 (Friday)
- Camera-ready and registration due: Aug 31, 2010 (Tuesday)
- Full day workshop: December 10th, 2010 (Friday)

All papers should be submitted electronically through EDAS at <http://edas.info>. All papers should be written in English with a maximum length of six printed pages (10-point font). Maximum 2 extra pages are allowed with overlength charge. IEEE conference templates for Microsoft Word or LaTeX formats can be downloaded from:

<http://www.ieee.org/web/publications/pubservices/confpub/AuthorTools/conferenceTemplates.html>

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Prof. Kee Chaing Chua, National University of Singapore; Prof. Thomas Magedanz, Technische Universität Berlin; Dr. Vijay K. Varma, Telcordia.