

CALL FOR PAPERS



Paper submission deadline:
15th November 2010

Acceptance notification:
9th January 2011

Final paper due:
20 February 2011

Peer reviewed
papers will appear
in IEEEExplore

First International Workshop on Cross-Layer Operation Aided Multimedia Streaming

Co-located with IEEE VTC Spring 2011,
Budapest, Hungary, 15th—18th May 2011

Workshop Objectives

The object of the workshop is to discuss innovative solutions enabling enhanced video streaming for point to point and point to multi-point transmissions in an IP based wireless heterogeneous system, based on cross layer adaptation of the whole transmission chain. Many areas of improvements classified in the following in four categories are considered in the workshop: i) applications for content delivery; ii) networking; iii) radio access; iv) cross-layer solutions. Indeed, today's approach, relying on traditional separation approaches and focussing on services delivered over homogeneous networks, does not allow to meet the on-going demands to maintain the required Quality of Service (QoS) for each of the users, who have different needs and requirements. This workshop looks into solutions allowing the applicability of a cross-layer design approach to the end-to-end multimedia streaming.

Workshop Topics:

- Cross-layer design
- Multimedia streaming over wireless networks
- Quality assessment
- Point to multipoint video communication
- Signaling for cross-layer communication
- System adaptation and control
- Media adaptation to wireless delivery
- Wireless network adaptation for video streaming
- Radio resource allocation for heterogeneous traffic
- Error Correction for video applications

This workshop is an independent publication forum for the INFSO-ICT-214625 OPTIMIX project, which is partially funded by the European Commission within the EU 7th Framework Programmerelated research results.

Workshop Organizers:

- Roberta Fracchia (THALES, FR)
- Marco Chiani (CNIT, IT)
- Gianmarco Panza (Cefriel, IT)
- Roxana Ojeda (COMSIS, FR)
- Peter Amon (SIEMENS, DE)
- Maria Martini (Kingston Univ., UK)
- Janne Vehkaperä (VTT, FI)
- László Pap (BME, HU)

Technical Program Committee:

- Marco Cagnazzo (TelecomParis, FR)
- Dario Rossi (TelecomParis, FR)
- Stefano Bregni (Politecnico di Milano, IT)
- Giacomo Verticale (Politecnico di Milano, IT)
- Ivan Bajic (Simon Fraser University, Canada)
- Lingfen Sun (University of Plymouth, UK)
- Christian Timmerer (Klagenfurt University, AU)
- Tasos Dagiuklas (TEI of Mesolonghi, GR)
- Tony Q.S. Quek, Institute for Infocomm Research, Singapore
- Anil W. Fernando, University of Surrey, UK

