

# **IPTV and Multimedia CDN I**

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91minutes

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Sun, 01/09/2011

## **Video Coding for IPTV and Multimedia CDN**

Chair: Zhu Liu, AT & T Laboratories, USA

## **Improved caching for HTTP-based Video on Demand using Scalable Video Coding**

Yago Sanchez (Fraunhofer Institute for Telecommunications - Heinrich-Hertz-Institute, Germany); Thomas Schierl (HHI, Germany); Cornelius Hellge (Fraunhofer Institute for Telecommunications - Heinrich-Hertz-Institute, Germany); Thomas Wiegand (Fraunhofer Institute for Telecommunications - Heinrich-Hertz-Institute, Germany); Dohy Hong (INRIA-ENS, France); Danny De Vleeschauwer (Alcatel-Lucent, Belgium); Werner Van Leekwijck (Bell Labs Alcatel-Lucent, Belgium); Yannick Le Louedec (Orange, France)

## **Adaptive Rateless Coding for IPTV over a mobile WiMAX Channel**

Laith A Al-Jobouri (University of Essex, United Kingdom); Martin Fleury (University of Essex, United Kingdom); Mohammad Ghanbari (University of Essex, United Kingdom)

## **A Multipath Video Streaming Approach For SNR Scalable Video Coding (SVC) In Overlay Networks**

Majd Ghareeb (INRIA, France); Adlen Ksentini (University of Rennes 1 / IRISA Lab, France); Csar Viho (IRISA / INRIA Rennes, France)

## **A Packet-loss Resilient Push Scheduling for Mesh Overlays**

Anis Ouali (Concordia University, Canada); Brigitte Kerherva (Universite du Quebec Montreal, Canada); Brigitte Jaumard (Concordia University, Canada)

## **A Cooperative Error Recovery Framework For IPTV over WiMAX**

Aytac Azgin (Georgia Institute of Technology, USA); Yucel Altunbasak (Georgia Institute of Technology, USA)

### **Differentiated Chunk Scheduling for P2P Video-on- Demand System**

Ubaid Abbasi (CNRS LaBRI Lab. - University of Bordeaux, France); Gatan Simo (LaBRI, France); Toufik Ahmed (University of Bordeaux-1 / CNRS-LaBRI, France)

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