

Technical Program

September 20th, 2006, Wednesday

08.30 – 09.00 **Registration**

09.00 – 09.10

Welcome

Markus Kampmann, Stefan Håkansson

09.10 – 09.40

Keynote speech

Recent Advances in Mobile Video

Thomas Wiegand, Fraunhofer HHI, Germany

09.40 – 10.00



Coffee break

10.00 – 11.40

Oral session 1

An Integrated Approach for End-to-End Quality of Service Offering in Multi-domain Heterogeneous Environment

Eugen Borcoci, Hamid Asgari, Maria Teresa Andrade, Pierre Bretillon, Toufik Ahmed

Mobile Media Delivery using Overlay Networks

Markus Kampmann, Frank Hartung, Martin Stiernerling, Bertrand Mathieu, Meng Song

Dynamic and Distributed Adaptation of Scalable

Multimedia Content in a Context-Aware Environment

Michael Ransburg, Hermann Hellwagner, Benoit Pellan, Cyril Concolato, Renaud Cazoulat, Saar De Zutter, Chris Poppe, Rik Van de Walle, Andreas Hutter

M-Pipe – A novel Media Delivery Framework

Franz Kalleitner, Stefan Håkansson, István Gódor, Ákos Kovács

Joint optimisation of multimedia transmission over an IP wired/wireless link

Catherine LamyBergot, Jyrki Huusko, Maria G. Martini, Peter Amon, Cyril Bergeron, Pierre Hammes, Gábor Jeney, Soon Xin Ng, Gianmarco Panza, Johannes Peltola, Filippo Sidoti

11.40 – 12.30

Panel discussion

Panelist:

Thomas Wiegand, Fraunhofer HHI, Germany

James LeBlanc, Lulea University of Technology, Sweden

Michael Ransburg, University of Klagenfurt, Austria
Maria Teresa Andrade, INESC Porto, Portugal
Maria Martini, University of Bologna, Italy
Markus Kampmann, Ericsson Research, Germany
Stefan Håkansson, Ericsson Research, Sweden

12.30 – 14.00



Lunch

14.00 – 15.00

Poster session

GPBS - Generalized Priority-Dropping for Wireless Video Streaming
Ingo Fliegen, Jan Kritzner
Optimizing Scalable Media Content Delivery using Hierarchical Modulation Techniques
Yongheng Liu, Conor Heneghan
Evaluation of Packet-level FEC with Multicast Streaming for a Hybrid 3G-Cellular and Ad Hoc Network
Mariann Hauge, Oivind Kure
A Gateway Architecture for Mobile Multimedia Streaming
Jens Brandt, Lars Wolf

Media delivery experimentation studies in a linux-based heterogeneous IP/DVB network

Thomas Pliakas, George Kormentzas, Anastasios Kourtis
Scalability of Mobile Uplink Channels for Interactive TV Applications
Elie Seif, Thomas Stockhammer, Wen Xu, Petri Mähönen
Adaptation of Scalable Media at Network Layer using Cross-Layer Information
Ákos Kovács, István Gódor

15.00 – 15.20



Coffee break

15.20 – 17.00

Oral session 2

Challenges in Mobile P2P Multimedia Streaming
Djamal-Eddine Meddour, Bertrand Mathieu
The Scalable H.264/MPEG4-AVC Extension: Technology and Applications
Heiko Schwarz, Detlev Marpe, and Thomas Wiegand
Adaptive Refinement of Motion Information for Fine-Granular SNR Scalable Video Coding
Martin Winken, Heiko Schwarz, Detlev Marpe, Thomas Wiegand
Context-aware content adaptation: a systems approach
M.T. Andrade, P. Bretilon, H. Castro, P. Carvalho, B. Feiten
Video Diffusion: A Routing Failure Resilient, Multi-Path Mechanism to Improve Wireless Video Transport
Jinsuo Zhang, Sumi Helal

17.00 – 17.10

Concluding remarks, end of EuMob 2006.