

Eunice Summer School 2006, Technical Program

Sunday, September 17, 2006

Evening **Guided City Tour**

Monday, September 18, 2006

08:30 - 09:45 **Registration**

09:45 - 10:15 **Opening**

10:15 - 11:00 **Invited Talk**
Session Chair: Paul J. Kühn

VoIP Security

Dr. Jürgen Quittek, Senior Manager NEC Europe

11:00 - 11:30 **Coffee break**

11:30 - 12:45 **Technical Session 1: Services and Applications**
Session Chair: Finn Arve Aagesen

Policy-Based Admission Control applied to SIP Internet Telephony Solution

André Ríos, Jesús Alcober, Antoni Oller

Simple Dimensioning Rules for Aggregated VoIP Links

Szabolcs Máté Kis, Jozsef Bíró, Norbert Kiss, Sándor Székely

Investigations and Implementation of a Non-repudiation Approach for Web Services in Mobile Grids

Cristian Morariu, Reto Zimmermann, Burkhard Stiller

12:45 - 14:00 **Lunch**

14:00 - 15:30 **Parallel Tutorials, Part I**

Peer-to-Peer Networking

J. Eberspächer, Q. Hofstätter, G. Kunzmann, and S. Zöls

WiMax - Metropolitan Area Networks and its Future Potentials

C. P. Hoymann, B. Walke, B. M. Wolz

15:30 - 16:00 **Coffee break**

16:00 - 17:30 **Parallel Tutorials, Part II**

19:00 **Welcome reception at the Stuttgart Television Tower**

Tuesday, September 19, 2006

- 09:00 - 09:45 **Invited Talk**
 Session Chair: Jörg Eberspächer

 3GPP Long Term Evolution / Service Architecture Evolution (LTE / SAE)
 Ulrich Barth, Alcatel SEL Research and Innovation
- 09:45 - 10:10 **Technical Session 2a: Radio Access Networks**
 Session Chair: Jarmo Harju

 Comparison of Opportunistic Scheduling Algorithms for HSDPA Networks
 Frank Feller, Marc C. Necker
- 10:10 - 10:40 **Coffee break**
- 10:40 - 11:30 **Technical Session 2b: Radio Access Networks**

 Delay in UMTS Radio Access Networks: Analytical Study and Validation
 Xi Li, Su Li, Richard Schelb, Andreas Timm-Giel, Carmelita Görg

 Do we need Header Compression for VoIP in Wireless LANs?
 Rastin Pries, Andreas Mäder, Dirk Staehle
- 11:30 - 12:30 **Poster session with coffee**
- 12:30 - 14:00 **Lunch**
- 14:00 - 14:45 **Invited Talk**
 Session Chair: Yvon Kermarrec

 The CIO Perspective - Time to Market
 Prof. Dr. Alex Röder, Managing Director Services Technology, O₂ (Germany)
- 14:45 - 15:35 **Technical Session 3: Services in Wireless Networks**
 Session Chair: Edit Halász

 Accessing Private Intranet Using Heterogeneous Network Infrastructure
 Péter Fülöp, Károly Lendvai, Viktor Schlaffer, Sándor Szabó, Tamás Szálka

 Investigation of Geographical Routing Optimizations for Location Based Push Services
 Sven D. Hermann, Adam Wolisz
- 15:35 - 16:05 **Coffee break**
- 16:05 - 16:55 **Technical Session 4: Distributed Systems**
 Session Chair: Marc C. Necker

 Indexing Trees for Distributed File Systems
 Róbert Dávid, Gábor Vincze

 Remote Management of Residential Gateways with OSGi
 Mario Ibáñez, Natividad Martínez, Ralf Seepold
- 19:00 **Riverboat trip with conference buffet on the river Neckar**

Wednesday, September 20, 2006

9:10 - 10:00 **Technical Session 5: MAC-Layer Issues**
Session Chair: Maurice Gagnaire

An Analysis of Automotive Multi-Domain CAN Systems
Jörg Sommer, Lars Burgstahler, Volker Feil

Impact of Quality of Transmission on Protection Schemes in Hybrid WDM
Sawsan Al Zahr, Maurice Gagnaire, Mohamed Ali Ezzahdi

10:00 - 10:45 **Invited Talk**
Session Chair: Aiko Pras

Ethernet in Carrier Networks
Dr. Andreas Gladisch, T-Systems Nova GmbH (Germany)

10:45 - 11:15 **Coffee break**

11:15 - 12:30 **Technical Session 6: Optical Networks**
Session Chair: Martin Köhn

Traffic Grooming in Multi-Layer WDM Networks: Meta-heuristics versus Sequential Algorithms
Elias Doumith, Maurice Gagnaire

An Optical Burst Switching Control Plane Architecture and its Implementation
Joan Triay, Jesús Rubio, Cristina Cervelló-Pastor

Cost Optimised Dispersion Scheme for Regional WDM Systems
Matthias Höcht, Matthias Schuster, Gottfried Lehmann

12:30 - 12:45 **Closing Session**

12:45 - 14:00 **Lunch**

14:00 **Visit to the new Mercedes Benz Museum**