
Capacity Sharing Workshop Agenda

8:30 Registration & Coffee

8:45 **Welcome**

9:00 **Session 1: Network Emulation & Simulation Scalability**

Engineering innovations applicable to mobile/cellular (ConEx),
Bob Briscoe (BT)

Congestion Exposure in Mobility Scenarios,
Faisal Ghias Mir, Dirk Kutscher, Marcus Brunner (NEC)

Enhanced Capacity Management – how to monitor, control, and steer your service quality,
Dr. Wolfgang Knospe (Detecon)

Bridging QoE and QoS for Mobile Broadband Networks,
David Soldani (Huawei)

10:45 Coffee break

11:00 **Session 2: Transport Layer QoS**

Considerations for controlling TCP's fairness on end hosts,
Michael Welzl (Department of Informatics, University of Oslo)

Trading loss against delay in Networked Control Systems,
Rainer Blind (Networked Control Systems (NCS), University of Stuttgart)

Fair Background Data Transfers of Minimal Delay Impact,
Costas Courcoubetis, Antonis Dimakis (Athens University of Economics and Business)

Multipath Transport Challenges and Solutions,
Michael Scharf (Bell Labs Stuttgart)

12:45 Lunch

13:45 **Session 3: QoS in Wireless Networks**

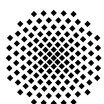
QoS and QoE in the Next Generation Networks: application to wireless networks,
Prof. Pascal Lorenz (University of Haute Alsace)

Improving the Usability of Cellular Charging Solutions,
Christian Hoene (University of Tübingen)

Context-Aware Resource Allocation for Media Streaming: Exploiting Mobility and Application-Layer Predictions,
Hatem Abou-zeid, Stefan Valentin (Bell Labs Stuttgart) and Hossam Hassanein (Queen's University, Canada)

Context-aware Scheduling in Radio Access Networks,
Magnus Proebster, Matthias Kaschub, Thomas Werthmann (IKR, University of Stuttgart)

15:30 Coffee break



15:45 Session 4: Applications and Services

Mobile Video Traffic Optimization at Telecom Italia,

Gianni Canal, Agostino Cotevino, Vincenzo Condo, Enrico Marocco (Telecom Italia)

Towards More Adaptive Voice Applications,

Jörg Ott (Comnet, Aalto University)

Resource (Re)allocation and Admission Control for Adaptive Multimedia Services,

Krunoslav Ivesic (University of Zagreb)

Active Shared Access Network Congestion Avoidance in Heterogeneous Application-Layer Multicast,

Christian Hübsch (Institute of Telematics, Karlsruhe Institute of Technology (KIT))

17:30 Wrap-Up and Conclusions

18:00 End

Workshop location

The workshop takes place **on Thursday, October 13, 2011** at the University of Stuttgart, room 4.282, building ETI 1, Pfaffenwaldring 47, 70569 Stuttgart (room will be signposted).

For further information on venue, accommodation, social event and the abstracts of all talks, please check our website:

<http://www.ikr.uni-stuttgart.de/CapacitySharingWS/>

Registration

For registration, please fill out the form on our website. We apply a registration fee of 35 EUR (to be paid in cash on site). This fee includes lunch and all food supply on the workshop day.

<http://www.ikr.uni-stuttgart.de/Content/CapacitySharingWS/registration.html>

Dirk Kutscher (NEC)

Mirja Kühlewind (IKR), Christian Mueller (IKR)

