



09:00 – 11:00 *The User Experience of QoS*

Session Chair:

Ralf Steinmetz, *Technical University of Darmstadt, Germany*

A Self-Tuning Fuzzy Control Approach for End-to-End QoS Guarantees in Web Servers

Jianbin Wei, Cheng-Zhong Xu, *Wayne State University, Detroit, USA*

Calculation of Speech Quality by Aggregating the Impacts of Individual Frame Losses

Christian Hoene, Sven Wiethölter, Adam Wolisz, *Technical University of Berlin, Germany*

Best-Effort versus Reservations Revisited

Oliver Heckmann, *Technical University of Darmstadt, Germany,*

Jens B. Schmitt, *University of Kaiserslautern, Germany*

An advanced QoS protocol for real-time content over the Internet

John Adams, *British Telecom, Suffolk, UK,*

Avril IJsselmuiden, *University of Duisburg-Essen, Germany,*

Lawrence Roberts, *Anagran, USA*

11:00 – 11:30 *Coffee Break*



Thirteenth International Workshop on Quality of Service (IWQoS 2005)

Passau, Germany, June 21 – 23 2005

Wednesday, June 22, 2005



11:00 – 11:30

Coffee Break



11:30 – 13:00

*Short Paper Session: The Impact of QoS –
Where Industry Meets Academia*

Part I: QoS in Wireless and Wired Networks, Why Is This Needed?

Session Chair:

Georgios Karagiannis, *University of Twente, The Netherlands*

Francois Le Faucheur, *Cisco Systems, Sophia Antipolis, France*

Using IP as transport technology in third generation and beyond Radio Access Networks

Attila Báder, *Ericsson Research, Budapest, Hungary,*

Lars Westberg, *Ericsson Research, Stockholm, Sweden,*

Georgios Karagiannis, *University of Twente, The Netherlands*

Closing the Gap Between Industry, Academia and Users: Is There a Need for QoS in Wireless Systems ?

Gábor Fodor, Karim El-Malki, David Partain, *Ericsson AB, Stockholm, Sweden*

Why QoS will be needed in Metro Ethernets [3p] [6p]

Rainer Baumann, Ulrich Fiedler, *ETH Zürich, Switzerland*

Research Issues in QoS Provisioning for Personal Networks

Weidong Lu, Anthony Lo, Ignas Niemegeers, *Delft University of Technology, The Netherlands*



11:30 – 13:00

*Short Paper Session: The Impact of QoS –
Where Industry Meets Academia*

Part II: Sateful QoS versus Overprovisioning

Session Chair:

Georgios Karagiannis, *University of Twente, The Netherlands*

Francois Le Faucheur, *Cisco Systems, Sophia Antipolis, France*

RSVP Standards Today and the Path Towards a Generic Messenger

Xiaoming Fu, *University of Göttingen, Germany,*

Jukka Manner, *University of Helsinki, Finland*

QoS in Hybrid Networks an Operator's Perspective

Aiko Pras, Remco van de Meent, *University of Twente, The Netherlands,*

Michel Mandjes, *Center for Mathematics and Computer Science, The Netherlands*

QoS for Aggregated Flows in VPNs

Pratik Bose, Dan Voce, Dilip Gokhale, *Lockheed Martin Integrated Systems & Solutions, Clarksburg, USA*

Supporting Mission-Critical Applications over Multi-Service Networks

Chris Christou, *Booz Allen Hamilton, McLean, USA,*

Michael Davenport, *Booz Allen Hamilton, Los Angeles, USA*



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13:00 – 14:00

Lunch



14:00 – 16:00 *QoS in Large Scale Systems*

Session Chair:

David Hutchison, *Lancaster University, UK*

Designing a Predictable Internet Backbone with Valiant Load-Balancing

Rui Zhang-Shen, Nick McKeown, *Stanford University, USA*

Preserving the Independence of Flows in General Topologies using Turn-Prohibition

Markus Fidler, *NTNU Trondheim, Norway,*

Oliver Heckmann, Ralf Steinmetz, *Technical University of Darmstadt, Germany*

Supporting Differentiated QoS in MPLS Networks

Roberto A. Dias, *Federal Technology Center of Santa Catarina, Brazil,*

Eduardo Camponogara, Jean-Marie Farines, *Federal University of Santa Catarina, Brazil*

Avoiding Transient Loops through Interface-Specific Forwarding

Zifei Zhong, Srihari Nelakuditi, Junling Wang, *University of South Carolina, Columbia, USA,*

Ram Keralapura, Chen-Nee Chuah, *University of California, Davis, USA,*

Yinzhe Yu, Sanghwan Lee, *University of Minnesota, Minneapolis, USA*

16:00 – 16:30 *Coffee Break*



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16:00 – 16:30

Coffee Break



16:30 – 18:00 *Panel Session*

Would Self-Organized or Self-Managed Networks Lead to Improved QoS?

Panel Convener

David Hutchison, *Lancaster University, UK*

Panellists

James P.G. Sterbenz, *Lancaster University, UK*, [Slides](#)

John Vincente, *Intel Corporation, USA*, [Slides](#)

Carle Georg, *University of Tübingen, Germany*, [Slides](#)

Mikhail Smirnov, *FhG Fokus, Berlin, Germany*, [Slides](#)

19:00 – 19:30 *Organ Concert in St. Stephan's Cathedral (world's biggest church organ)*

After Concert *PC Meeting and Dinner (Program Committee only) at "Andorfer"*