

2006 International Workshop "Towards the QoS Internet" To-QoS'2006

University of Coimbra, Coimbra,
Portugal
May 19, 2006

To be held in conjunction with
2006 IFIP Networking Conference

Technical Program

(last update 27.04.2006)

9:00-10:50

Opening: Wojciech Burakowski

Session 1: IST Projects

Session Chairman: Jose Enriquez Gabeiras

1.1. Hybrid on-path off-path approach for end-to-end signalling across NSIS and non-NSIS domains (HyPath)

Luis Cordeiro, Marilia Curado, Edmundo Monteiro, Florin Racaru, Michel Diaz, Christophe Chassot

1.2. NETQOS: Policy Based Management of Heterogeneous Networks for Guaranteed QoS

Stefano Avallone, Pasquale Di Gennaro, Ilka Miloucheva, Sathya Rao, and Markus Roth

1.3. Inter-network Quality of Service Agreements among Ambient Networks

Jorge Andres-Colas, Carlos Pinho, Paulo Mendes, Yaning Wang, Jose Ruela

1.4. Open Interconnect for the Internet Community (OpenNet)

Martin Potts, Edmundo Monteiro, Donal Morris, Michel Diaz, Monique Morrow, Jean-Marc Uze

1.5. The AGAVE Framework for QoS: Extending DiffServ by means of Differentiated Routing

Antonio J. Elizondo, María L. Garcia-Osma, Jorge Rodriguez Sanchez

10:50-11.10

Coffee break

11.10-12.50

Session 2: Measurements and monitoring

Session Chairman: Armando Ferro

2.1. On the Statistics of QoS Parameters over Heterogeneous Networks

A.Botta, A. Pescapé, and G. Ventre

2.2. QoSmeter. Generic quality of service measurement infrastructure

Rodrigo Partearroyo, Jose Luis Jodra, Jose Oscar Fajardo, Armando Ferro, and Begona Blanco

2.3 Cross-Traffic Estimation in IP Networks

Susana Sargento and Rui Valadas

2.4. MAC Layer Measurements for Supporting QoS in IEEE 802.11 Ad-Hoc Networks

Andrzej Glowacz, Marek Natkaniec, Susana Sargento, and Sergio Crisostomo

12.50-14.00

Lunch

14.00-15.40

Session 3: Traffic control

Session Chairman: Sabine Wittevrongel

3.1. Delivering Customer Oriented Multimedia Streaming Services

David Lopez Berzosa, Francisco Gonzalez Vidal, Luis Bellido, and Alfonso Sanchez-Macian

3.2. Models to Estimate the Unicast and Multicast Resource Demand for a Bouquet of IP-Transported TV Channels

Z. Avramova, D. De Vleeschauwer, S. Wittevrongel, H. Bruneel

3.3. User-centric Architecture for Virtual Voice-only VoIP Conferencing

R. V. Prasad, H. N. Shankar, R. S. Varchas, H. S. Jamadagni, and Przemyslaw Pawelczak

3.4. Application of Admission Control and Traffic Shaping for providing TCP Throughput Guarantees

Halina Tarasiuk, Robert Janowski, Wojciech Burakowski

15.40-16.00

Coffee break

16.00-17.15

Session 4: Protocols and architectures

Session Chairman: Martin Potts

4.1. Selected QoS Solutions for Next Generation Heterogeneous Networks

Wojciech Dziunikowski, Janusz Gozdecki, Norbert Rapacz, Michal Wagrowski

4.2. The NSIS QOS Model for Inter-domain Signaling to Enable End-to-End QoS Provisioning Over Heterogeneous Domains

Jian Zhang and Edmundo Monteiro

4.3. DSMRouter: a DiffServ-based multicast router

Yong Jiang, Yanling Li

Closing: Wojciech Burakowski