

CALL FOR PAPERS



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”

<http://www.dei.uc.pt/Networking2006>

Providing Quality of Service (QoS) into the Internet requires implementation at the network level a variety of mechanisms and algorithms dealing with the call and packet handling, network resource managing etc. In addition, they should operate at different time scales, from the time scale of milliseconds for handling packets in the routers up till the longer time scale, say hours, for performing some actions to manage network resources in an optimum way. Furthermore, a signaling system is extremely required to inform the network about the user-application needs. As a consequence, enhanced QoS-oriented architectures mainly based on DiffServ concept are currently investigated and tested in research networks. Anyway, to provide QoS we need to make an essential update of current Internet infrastructure. The workshop is aimed at presenting and discussing current activities in this area, including the results coming from running research projects.

Detailed Scope

- Architectures for assuring QoS in the Internet
- QoS aware applications
- Enhanced Transport Protocols
- QoS routing
- QoS mechanisms in access and core networks
- Inter-domain aspects
- Classes of service
- Admission Control
- PHB mechanisms
- Monitoring and measurement systems
- Scalability
- End-to-end QoS
- Signaling systems

Workshop Organizer

Wojciech Burakowski, Warsaw University of Technology, Poland

Technical Program Committee

Christof Brandauer, Salzburg Research Forschungsgesellschaft, Austria

Torsten Braun, Technical University of Bern, Switzerland

Jose Brazio, Instituto Superior Tecnico, Portugal

Franco Davoli, CNIT, Italy

Michel Diaz, LAAS, France

Michael Ditze, University of Paderborn, Germany

Olivier Dugeon, FTRD, France

Markus Fiedler, Blekinge Institute of Technology, Karlskrona, Sweden

Jose Enriquez Gabeiras, Telefonica I+D, Spain

Udo Krieger, Otto-Friedrich Universitat Bamberg, Germany

Michael Menth, University of Wuerzburg, Germany

Michaela Meo, Politecnico Torino, Italy

Enzo Mingozzi, University of Pisa, Italy

Edmundo Monteiro, University of Coimbra, Portugal

Andrzej Pach, AGH, Cracow, Poland

Martin Potts, Martel, Switzerland

George Prezerakos, National Technical University of Athens, Greece

Stefano Salsano, University of Rome “Tor Vergata”, Italy

Halina Tarasiuk, Warsaw University of Technology, Poland

Armando Ferro Vázquez, E.T.S.I. de Bilbao, Spain

Giorgio Ventre, Universita di Napoli, Italy

Manuel Villen, Telefonica I+D, Spain

Sabine Wittevrongel, Ghent University, Belgium

Important dates

Full Paper Due: March 1, 2006

Notification of Acceptance Due: March 17, 2006

Camera-ready Paper Due: April 1, 2006

Paper submission

The authors are encouraged to submit full papers describing original, previously unpublished, complete research, not currently under review by another conference or journal, addressing original research as well as results of laboratory and real network trials. All papers will be reviewed and accepted papers will appear in the workshop proceedings, published by the 2006 IFIP Networking Conference organizers. The best papers of Workshop Sessions will also be considered for a limited Book and/or Special Issue Edition.

Papers must be submitted electronically. For the submitted paper please use the Springer-Verlag instructions for authors at: www.springer.de/comp/lncs/authors.html. The maximum size of papers should be 5000 words including tables and figures, according to the formatting standard for a 12-page manuscript of Springer-Verlag LNCS. The cover page must contain an abstract of about 150 words, 3-5 keywords, name and affiliation of author(s) as well as the corresponding author's e-mail and postal address.

Paper submissions can be made using the following link:
<http://www.webchairing.com/networking2006/submission/>

Workshop venue and registration

A comprehensive set of relevant information about the venue and registration is available at the Networking 2006 site: <http://www.dei.uc.pt/Networking2006>.

For more information please see the workshop site <http://www.tele.pw.edu.pl/to-gos2006> or contact the Workshop Organizer:

Wojciech Burakowski
Institute of Telecommunications
Warsaw University of Technology
Ul. Nowowiejska 15/19
00-665 Warsaw, Poland

Phone: (+48 22) 660 77 16

Fax: (+48 22) 660 75 64

E-mail: wojtek@tele.pw.edu.pl