

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

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Manuel Villen, Telefonica I+D, Spain

Sabine Wittevrongel, Ghent University, Belgium

Important dates**Extended deadline !**

Full Paper Due: ~~March 4, 2006~~ **March 11, 2006**
Notification of Acceptance Due: ~~March 17, 2006~~ **April 3, 2006**
Camera-ready Paper Due: ~~April 1, 2006~~ **April 11, 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The authors are encouraged to submit full papers describing original, previously unpublished, complete research, not currently under review by another conference or journal, addressing original research as well as results of laboratory and real network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.webchairs.com/iqos/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-qos2006> or contact the Workshop Organizer:

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