

The 2nd international workshop on QoS in Multiservice IP Networks (QoS-IP 2003)



Milano, Italy
February 24-26, 2003

<http://www.tlc-networks.polito.it/QoS-IP2003/>



IP has become the dominant paradigm for all sorts of networking environments, from traditional wired networks to innovative networks exploiting WDM links and/or wireless accesses. Key to the success of IP is its flexibility, that allows the integration within one network of a number of systems which at lower layers may have different characteristics, as well as the transport over a common infrastructure of the traffic flows generated by a variety of applications (web browsing, e-mail, telephony, audio and video distribution, multimedia multicasting, financial transactions, ...), whose performance requirements may be extremely different. This situation has generated a great interest in the development of techniques for the provision of quality of service guarantees in IP networks offering a variety of services through a range of different user interfaces (wired and wireless, of different nature).

In 2001 and 2002, the Italian Ministry of Education, University and Research has been funding four research programmes on these topics, named IPPO, NEBULA, PLANET-IP, and RAMON. This International Workshop is jointly organized by these four programmes, aiming at the presentation of high-quality, recent research results on QoS in IP networks, and at the dissemination of the most relevant research results obtained within the programmes.

The proceedings of the Workshop will be published in the Springer Lecture Notes in Computer Science series, and distributed to all Workshop participants. A special issue of Computer Networks will comprise extended versions of the best papers of the Workshop

Contributions are invited focusing on the provision of QoS guarantees in multiservice IP networks, including:

- Architectures for the provision of QoS guarantees in IP networks
- Adaptive and customizable QoS provision
- Network planning for QoS
- End-to-end QoS in IP networks
- Analytical and simulation models for QoS estimation
- Experimental results on QoS
- Integration of IntServ and DiffServ paradigms
- QoS multicast
- QoS in wireless/mobile IP networks
- QoS in the IP backbones of 3G wireless systems
- Reconfigurable protocols and networks
- Configuration control
- Cross-system mobility management
- IP over WDM
- Optical packet switching
- MPLS and G-MPLS

Important Deadlines

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|------------------------|-----------------------------|
| • September 10th, 2002 | Electronic Paper Submission |
| • November 20th, 2002 | Acceptance Notification |
| • December 20th, 2002 | Final Version Due |

Author guidelines

Papers written in English should not exceed 5000 words (approximately 15-20 pages double spaced). Papers must be unpublished and must not be submitted for publication elsewhere. Papers must be submitted electronically as compressed files (either Postscript or PDF; no other formats, please) through the Workshop web page <http://www.tlc-networks.polito.it/QoS-IP2003>

Each submission must comprise a short abstract, a complete list of authors and their affiliations, the name of a contact person for correspondence, complete with postal and e-mail addresses.

Attendance by at least one author is mandatory.

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