

Call for Papers

Fifth International Workshop on Quality of future Internet Services (QofIS'04)

“Quality of Service in the Emerging Networking Panorama”

September 29 - October 1, 2004

Barcelona, Catalunya, Spain

<http://www.qofis.org> (available soon)

Scope

The purpose of QofIS 2004 is to present and discuss design and implementation techniques for providing quality of service in the Internet. The impact of emerging terminals, mobility and embedded systems will create a new environment where networks will be ambient. New challenges are open by this new space where networks of interest ranging from personal networks to large-scale application networks will need to be designed and often integrated. Protocol mechanisms for supporting quality of service at the different layers of the networks will need to be assessed and eventually redesigned in such environments. The focus of this year's workshop is on the provisioning of *Quality of Service in the Emerging Networking Panorama*, assessed by results of experiments carried out in simulation platforms and test-beds, and given the progressive irruption of optical technologies.

This workshop, at its fifth international event, is organized under the umbrella of the E-NEXT Network of Excellence on “*Emerging Networking Experiments and Technologies*”, which will start early in 2004.

Along with presentations of papers and keynote speeches, QofIS 2004 will offer two one day workshops on October 1, namely the

Fourth International Workshop on Internet Charging and QoS Technology (ICQT'04) and the
First International Workshop on QoS Routing (WQoS'04)

Authors are invited to submit work on issues related to, but not limited by, the following list of topics:

Traffic modeling and classification	QoS requirements, mapping and negotiation
Policing, scheduling and metering	Signaling, session management
Traffic engineering, service dimensioning	End-system QoS support
Policy-based QoS management	QoS in wireless networks
Technologies for self-aware networking	QoS in sensor networks
QoS in metropolitan optical networks	QoS in optical packet switching networks
QoS in peer-to-peer networks	Active networking for QoS

Papers and Submissions

Papers are solicited in full length of no more than 10 single-spaced pages (in English). All papers will be subject to a full review process. Submissions should follow the author guidelines specified at <http://www.springer.de/comp/lncs/authors.html> and must include: title, authors, affiliations, 100-word abstract, and a list of maximum five keywords. The author responsible for correspondence should be identified, including mailing address, telephone and fax numbers, and e-mail address. An electronic, PDF-based submission of papers is mandatory.

The conference proceedings will be published as hard-copy and electronically by Springer Verlag, Heidelberg, Germany, in the Lecture Notes in Computer Science Series, which will be available during the event. Following the workshop, authors will be invited to submit an updated and extended version of their papers for a possible publication in a special issue of the Computer Communication journal edited by Elsevier.

Best Ph.D. student paper award

Papers that are candidate for the best PhD student paper award should be clearly identified as such in a cover letter, which should be signed by the student's supervisor. To be eligible for the award, the PhD student should be the principal author and presenter of the submitted paper. The selection will be based on both the quality of the written paper and its presentation at the workshop.

Important Dates

Deadline for submissions:	May 2, 2004
Notification of acceptance:	July 2, 2004
Camera ready version:	July 25, 2004
Workshop dates:	September 29-30, 2004

General Information

The final program will be run as a two days workshop on September 29-30, 2004, followed by ICQT'04 and WQoS'04 workshops running in parallel on October 1, 2004. The registration fee for this event will include the attendance of all of them QofIS'04, ICQT'04 and WQoS'04. For more information please visit <http://www.qofis.org> or contact qofis04@ac.upc.es.

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