

CALL FOR PAPERS



Date: October 18-20, 2004
Location: Dallas, TX, USA
<http://www.qshine.org/>

Co-sponsored by ICST, CreateNet, IEEE and *ACM (pending approval)

Scope

Recent technological developments in broadband high-speed networks, peer-to-peer networks, wireless and mobile networks, and grid computing have led to newer challenging problems, such as providing QoS support to the emerging high-speed internet and multimedia applications across both wired and wireless networks.

This conference will focus on all aspects of QoS support for heterogeneous wired and wireless networks. Papers addressing cross-layer design on QoS support for both wired and wireless networks are strongly encouraged. It will serve as a forum for researchers from both academia and industry for presenting recent research results in QoS issues for both wired and wireless networks. The conference features prominent invited speakers as well as papers by top researchers in the field.

The scope of the conference includes, but is not limited to:

- QoS in wireless local area networks
- QoS in sensor networks and wireless ad-hoc networks
- QoS support and mobility management in wireless Internet
- QoS in wireless and mobile multimedia
- QoS provisioning in mobile IP and IPv6
- Scheduling policies for wireless networks
- QoS in current and emerging cellular and satellite networks
- Differentiated service in wireless multimedia networks
- QoS in broadband high-speed networks
- QoS in optical networks
- QoS support for Internet applications
- QoS across heterogeneous link technologies
- Middleware support for QoS provision
- Policy-based QoS differentiation
- Interactive broadband television, gaming, and video distribution
- Variable and adaptive QoS
- QoS modeling and measurement
- QoS routing, resource management, and admission control
- QoS pricing and billing
- QoS architectures, protocols, and systems
- QoS in web systems and storage systems
- QoS specification, metrics, and analysis
- QoS in peer-to-peer networks, grid and application-layer overlay networks
- Security aspects of QoS systems

Submission Guidelines

Papers should not exceed 20 pages, must be unpublished and must not be submitted for publication elsewhere. All submissions should be electronically in Postscript or Adobe PDF format. Electronic submission instructions will be available at <http://www.qshine.org/>.

Important Dates

Submission Deadline: **May 28th, 2004**
Notification of Acceptance: **July 26th, 2004**
Camera-ready Manuscripts Due: **August 20th, 2004**
Conference Dates: **October 18th-20th, 2004**

Publication

Accepted papers will be published in the conference proceedings. Papers of particular merit will be proposed for publication in **ACM / Kluwer Wireless Networks (WINET)**.

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