

General Chair

Yuguang "Michael" Fang (Univ. of Florida, USA)

General Vice-Chairs

Hisashi Kobayashi (Princeton Univ., USA)

Shigang Chen (Univ. of Florida, USA)

Vic DiCiccio (Bell-Univ. Lab., Waterloo, Canada)

Technical Program Chair

Xuemin (Sherman) Shen (Univ. of Waterloo, Canada)

Steering Committee Co-Chairs

Imrich Chlamtac (Create-Net, Italy)

Yuguang "Michael" Fang (Univ. of Florida, USA)

Finance Chair

Karen Decker (Creat-Net/ICST, USA)

Publications Chair

Xiuzhen Cheng (George Washington Univ., USA)

Publicity Chairs

Jelena Mistic (Univ. of Manitoba, Canada)

Mihaela Cardei (Florida Atlantic Univ., USA)

Poster Chair

Jianping Pan (NTT MCL, USA)

Local Arrangement Chairs

Damla Turgut (Univ. of Central Florida, USA)

Lei Wei (Univ. of Central Florida, USA, Co-Chair)

Registration Chair

Jun Cai (Univ. of Waterloo, Canada)

Industry Sponsorship Chairs

Yanchao Zhang (Univ. of Florida, USA)

Jianfeng Wang (Univ. of Florida, USA)

Website/Information Chair

Hongqiang Zhai (Univ. of Florida, USA)

Technical Program Committee

Sudhir Aggarwal (Florida State Univ., USA)

Giuseppe Bianchi, (Univ. of Roma Tor Vergata, Italy)

Gregor V. Bochmann (Univ. of Ottawa, Canada)

Luciano Bononi (Univ. of Bologna, Italy)

Andrew T. Campbell (Columbia Univ. USA)

Guohong Cao (Penn State Univ., USA)

Jun Cai (Univ. of Waterloo, Canada)

Xiuzhen Cheng (George Washington Univ., USA)

Sunghyun Choi (National Seoul Univ., Korea)

Song Ci, (Univ. of Michigan-Flint, USA)

Jun-Hong Cui, (Univ. of Connecticut, USA)

Sajal K. Das (Univ. of Texas at Arlington, USA)

Ehab Elmallah (Univ. of Alberta, Canada)

Guangbin Fan (Univ. of Mississippi, USA)

Alois Ferscha (Univ. of Linz, Austria)

Mohsen Guizani (Western Michigan Univ., USA)

Zhu Han (Univ. of Maryland at College Park, USA)

Hossam Hassanein (Queens Univ., Canada)

Hussein Mouftah (Univ. of Ottawa, Canada)

Hisashi Kobayashi (Princeton Univ., USA)

Tho Le-Ngoc (McGill Univ., Canada)

Baochun Li (Univ. of Toronto, Canada)

Geoffrey Li (George Tech, USA)

Jiang (Leo) Li (Howard Univ., USA)

Wei Li (Univ. of Toledo, USA)

Lavy Libman (Nicta)

Yibei Ling (Telcordia)

Jiangchuan Liu (Simon Fraser Univ., Canada)

Mingyan Liu (Univ. Michigan at Ann Arbor, USA)

Songwu Lu (UCLA, USA)

King-Shan Lui (Hong Kong Univ., China)

Wenchao Ma (Microsoft Research Asia, China)

Brian Mark (George Mason Univ., USA)

Jelena Mistic (Univ. of Manitoba, Canada)

Klara Nahrstedt (UIUC, USA)

Mirela Notare Barddal (Univ. of Brazil, Brazil)

Stephan Olariu (Old Dominion Univ., USA)

Mohamed Ould-Khaoua (Univ. of Glasgow, UK)

Kihong Park (Purdue Univ., USA)

Chunming Qiao (SUNY at Buffalo, USA)

Aladdin O.M. Saleh (Bell Mobility, Canada)

Anthony Soong (Ericsson, USA)

Nikolteas E. Sotiris (Computer Technol. Inst., Greece)

Alex Sprintson (Caltech, USA)

Violet Syrotiuk (Arizona State Univ., USA)

Terence D. Todd (McMaster Univ., Canada)

Dapeng Wu (Univ. of Florida, USA)

Hongyi Wu (Univ. of Louisiana at Lafayette, USA)

Jie Wu (Florida Atlantic Univ., USA)

Yang Xiao, (Univ. of Memphis, USA)

Geoffrey Xie (Naval Post Graduate School, USA)

Guoliang (Larry) Xue, (Arizona State Univ., USA)

Junshan Zhang, (Arizona State Univ., USA)

Qian Zhang (Microsoft Research Asia, China)

Xi Zhang, (Texas A&M Univ., USA)

Weihua Zhuang (Univ. of Waterloo, Canada)

Albert Zomaya (Univ. of Sydney, Australia)

CREATE-NET



QShine 2005

ICST

Aug. 22-24, 2005 - Orlando, Florida, USA <http://www.QShine.org>

The Second International Conference on Quality of Service in Heterogeneous Wired/Wireless Networks

CALL FOR PAPERS

Recent technological developments in broadband high-speed networks, peer-to-peer networks, wireless and mobile networks, and grid computing have led to new challenging problems, such as providing QoS support to the emerging multimedia applications across both wired and wireless networks. This conference will focus on all aspects of QoS support for heterogeneous wired and wireless networks with the theme on cross-layer design. It will serve as a forum for researchers from both electrical engineering and computer science to present latest research results on QoS issues for both wired and wireless networks, with the hope that electrical engineers and computer scientists will work together to develop viable cross-layer design methodologies. The conference will feature prominent invited speakers as well as papers by top researchers in the field.

Papers addressing QoS support, ranging from the link layer to the application layer, over wired and wireless networks are solicited. Authors are encouraged to submit theoretical and/or practical results of significance. The scope of the conference includes, but is not limited to:

- * QoS in WLAN, WPAN, WMAN and WiMAX (IEEE 802.11/15/16/20)
- * QoS in wireless sensor and ad-hoc networks
- * QoS in cellular and satellite networks
- * QoS support across heterogeneous wired and wireless subnetworks
- * MAC protocols with QoS support
- * Scheduling, resource management, queue management, and admission control
- * QoS in mobile environment, handoff
- * QoS routing and mobile IP
- * Traffic engineering and shaping
- * MPLS and GMPLS
- * Restoration and survivability
- * Transport protocols for end-to-end QoS support
- * Cross-layer error control and delay control
- * Cross-layer optimization for energy, network lifetime, and capacity
- * Topology control for QoS support in wireless networks
- * Wireless multimedia applications/services
- * QoS support with multi-mode radio
- * Middleware for QoS support
- * Security aspects of QoS systems
- * QoS pricing and billing
- * Variable and adaptive QoS
- * QoS modeling and measurement
- * QoS and differentiated services architectures, protocols, and systems
- * QoS specification, metrics, and analysis
- * QoS in peer-to-peer, grid, and overlay networks

PAPER SUBMISSION

Prospective authors are invited to submit full papers of no more than 20 double-spaced pages with 12 pt font. Papers will be accepted only by electronic submission through the EDAS system. Papers of particular merit will be selected for consideration of a fast track publication in a special issue for **ACM/Springer Wireless Networks (WINET)** and a special section in **IEEE Transactions on Vehicular Technology**.

☞ Full papers due (to be received by):	April 8, 2005
☞ Notification of acceptance:	May 15, 2005
☞ Submission of camera-ready papers:	June 10, 2005

For further information: <http://www.qshine.org>