



## Call for Papers



# QShine 2009



The Sixth International ICST Conference on Heterogeneous Networking  
for Quality, Reliability, Security and Robustness

November 23 – 26 2009, Las Palmas de Gran Canaria, Spain

<http://www.qshine.org>

*In Cooperation with ACM (pending), Co-sponsored by Create-Net and ICST*

**\*\*\*\*\* Submission deadline extended to June 15, 2009 \*\*\*\*\***

The Sixth International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness (QShine 2009) will focus on the research challenges associated to the design and implementation of large-scale wired and wireless networks and distributed systems.

**Papers:** Original papers addressing performance optimization and Quality of Service support, ranging from the link layer to the application layer, over large-scale wired and wireless networks and distributed system, are solicited. Authors are encouraged to submit theoretical and/or experimental results of significance.

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

- Quality of Service provisioning in wired and wireless networks and distributed systems
- Design, implementation or architectures related to QoS-enabled networks and distributed systems
- QoS routing in wired, peer-to-peer, overlay, and wireless networks and distributed systems
- QoS-aware service composition in distributed systems
- QoS in WLAN, WPAN, WMAN and WiMAX (IEEE 802.11/15/16/20)
- QoS in wireless sensor and ad hoc networks
- QoS support across heterogeneous wired and wireless sub-networks
- MAC protocols with QoS support in wireless networks
- Topology control for QoS support in wireless networks
- QoS and survivability in mobile environments
- Scheduling, resource management, queue management, and admission control
- QoS adaptation, modeling and measurements
- Game-theoretic aspects in wired, peer-to-peer, overlay, and wireless networks and distributed systems
- Incentive engineering in wired, peer-to-peer, overlay, and wireless networks and distributed systems
- Pricing, billing, and resource allocation in wired, overlay and wireless networks
- Traffic analysis, traffic engineering, and traffic shaping in heterogeneous environments
- Security protocols and algorithms in wired, overlay and wireless networks
- Scalability of large-scale overlay and wireless networks
- Resilience of overlay and wireless protocols
- Cross-layer protocol design in wireless networks
- Cross-layer performance optimization for energy, network lifetime, and capacity

**Submission Instructions:** Prospective authors are encouraged to submit a PDF version of the full paper in ACM conference proceedings format, which are limited to 8 single-spaced two-column pages (including all figures and references) in a 10 point font. Authors of submitted papers should select 1 or 2 keywords to allow a better classification and assignment of papers to reviewers. All paper submissions will be handled electronically through the [ASSYST system](#).

**Publication:** All submitted papers will go through a peer review process. Accepted papers will be included in the Qshine 2009 Conference Proceedings and will be made available in Association for Computing Machinery (ACM) Digital Library (pending) and will be indexed by Engineering Information (EI).

Among the best papers submitted, the Program Chair and the General Chair select the Best Papers presented at QShine 2009. The award is based on relevance, content, significance, originality and presentation. Best Papers are rewarded with a Conference Best Paper Certificate. Research papers of particular merit will be selected for consideration of fast track publication in a special issue of **ACM/Springer Mobile Networks and Applications** (pending).

At least one listed author on the final paper must register for and attend the workshop to present his/her paper.

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### Conference coordinator

**Maria Morozova**,  
ICST, USA

### Important dates

#### Submission deadline:

~~May 22, 2009, 5pm EST~~  
**June 15, 2009, 5pm EST**  
(Extended)

#### Acceptance notification:

July 15, 2009

#### Camera Ready:

September 5, 2009