



[www.aria.org](http://www.aria.org)

**The Third International Conference on Communication Theory,  
Reliability, and Quality of Service  
CTRQ 2010**

**June 13-19, 2010 - Athens/Glyfada, Greece**

<http://www.aria.org/conferences2010/CTRQ10.html>

**Important deadlines:**

|                         |                  |
|-------------------------|------------------|
| Submission (full paper) | January 20, 2010 |
| Notification            | March 12, 2010   |
| Registration            | March 26, 2010   |
| Camera ready            | March 31, 2010   |

**Tracks:**

**Communication theory**

Fundamentals in communication theory; Communications switching and routing; Communications modeling; Communications security; Autonomic communications; Performance in communications; Computer communications; Distributed communications; Wired and wireless communications; Signal processing in communications; Multimedia and multicast communications; High-speed communications; Delay-tolerant communications; Fault-tolerant networks; Reliable and safe communications; Iterative coding and decoding techniques

**Reliability**

Reliability modeling; Reliability stress analysis; Dependency-related reliability; Reliability prediction technologies; Reliability-aware topology control; Reliability in highly dynamic networks and distributed systems; Reliability in sensitive networks (ehealth, financial, etc.); Service versus network reliability; Reliability and human-related risks; Software reliability; Software-based safety kernels; Reliability testing; Maintenance tools for system reliability; QoS-driven reliability;

**Quality of Service**

QoS Design and architectures for networks and distributed systems; QoS modeling, adaptation and monitoring; QoS policy assessment; QoS metrics and measurement; QoS-based routing; QoS-aware applications and services; Provisioning and monitoring QoS constraints; QoS-based admission control; QoS negotiation and mediation; User-profile QoS-aware mechanisms; QoS-network device mechanisms (scheduling, queue management, traffic engineering, etc.); QoS and opportunistic scheduling; QoS-aware resource management; QoS in WLAN, WPAN, WMAN and WiMAX (IEEE 802.11/15/16/20); QoS in wireless sensor and ad hoc networks; QoS support in wireless networks for MAC protocols; QoS and survivability in mobile environments;