



CALL FOR PAPERS

The IEEE INFOCOM 2014 conference solicits submission of papers describing significant and innovative research contributions to the field of computer and data communication networks. We invite submissions on network architecture, design, implementation, operations, analysis, measurement, performance, and simulation.

Topics of interest include, but are not limited to, the following:

- Ad hoc mobile networks
- Addressing & location management
- Broadband access technologies
- Capacity planning
- Cellular and broadband wireless nets
- Cognitive radio networking
- Communications for the smart grid
- Congestion control
- Content-based network service
- Cross layer design and optimization
- Cyber-physical systems and the Internet of things
- Data center and cloud computing
- Delay/disruption tolerant networks
- Dynamic spectrum management
- Energy efficient network infrastructure
- Future Internet design
- Implementation and experimental testbeds
- Middleware support for networking
- Mobility models and systems
- Multicast, broadcast, and anycast
- Multimedia protocols
- Network applications and services
- Network architectures
- Optical networks
- Peer-to-peer networks
- Power control and management
- Pricing and billing
- Quality of service
- Resource allocation and management
- RFID networks and protocols
- Routing protocols
- Scheduling and buffer management
- Security, trust, and privacy
- Self-organizing networks
- Sensor networks and embedded systems
- Service overlays
- Social computing and networks
- Survivability, network management, and fault tolerance
- Switches and switching
- Topology characterization and inference
- Traffic measurement and analysis
- Traffic engineering and control
- Urban sensing, environmental monitoring, and underwater networks
- Vehicular networks
- Virtual and overlay networks
- Web services and performance
- Wireless mesh networks and protocols

IMPORTANT DATES

Abstract Due
Sunday, July 21, 2013
11:59PM EDT

Full Paper Due
Sunday, July 28, 2013
11:59PM EDT

Notification of Acceptance
Monday, November 25, 2013
11:59PM EST

General Chair

Alberto Leon-Garcia (University of Toronto)

Technical Program Co-Chairs

Giuseppe Bianchi (University of Roma Tor Vergata)
Yuguang (Michael) Fang (University of Florida)
Xuemin (Sherman) Shen (University of Waterloo)

Standing Committee Chair

Tom Hou (Virginia Tech, USA)

IEEE and IEEE COMMUNICATIONS SOCIETY POLICIES

To ensure appropriate consideration of conflicts of interest during the review process, the ComSoc prohibits changes to the list of authors once a paper has been submitted for review during review, revision, or (if accepted) final publication. The author list may be changed only prior to the submission deadline. Additional paper submittal instructions can be found on the conference web site www.ieee-infocom.org/2014.

To be published in the IEEE INFOCOM 2014 conference proceedings and IEEE Xplore®, an author of an accepted paper is required to register for the conference at the full (member or non-member) rate and the paper must be presented by an author of that paper at the conference unless the TPC chair grants permission for a substitute presenter.

Non-refundable registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the paper. For authors with multiple accepted papers, one full registration is valid for up to 3 papers. Accepted and presented papers will be published in the IEEE INFOCOM 2014 conference proceedings and in IEEE Xplore®.

For more information, visit: www.ieee-infocom.org/2014