

Call for Papers: ACM SIGCOMM 2011

<http://conferences.sigcomm.org/sigcomm/2011/>

Welcome

The 2011 ACM SIGCOMM organization committee is pleased to announce the next annual conference of the ACM Special Interest Group on Data Communication (SIGCOMM) on the applications, technologies, architectures, and protocols for computer communication.

In addition to the main conference, SIGCOMM 2011 will have a series of co-located workshops, a poster and demo session, a travel grant program, and conference best paper and SIGCOMM awards.

Important Dates

Paper Title and Abstract: January 24, 2011 (20:00 EST)
Full Paper Submission: January 31, 2011 (20:00 EST)
Acceptance Notification: May 6, 2011
Conference: August 15-19, 2011

Dates for workshops, posters, and demos will be available from the conference website.

Submissions

SIGCOMM is a highly selective conference where full papers typically report novel results firmly substantiated by experimentation, simulation, or analysis. Submissions can be up to 14 pages in length, in two-column 10pt format. Please see the submission instructions on the conference Web site for complete details. Note that accepted camera-ready papers will be 12 pages in length, in two-column format with 9pt font.

Call for Papers

The SIGCOMM 2011 conference seeks papers describing significant research contributions to the field of computer and data communication networks. We invite submissions on a wide range of networking research, including, but not limited to:

- * Design, implementation, and analysis of network architectures and algorithms
- * Economic aspects of the Internet
- * Enterprise, datacenter, and storage area networks
- * Experimental results from operational networks or network applications
- * Fault-tolerance, reliability, and troubleshooting
- * Insights into network and traffic characteristics
- * Network management and traffic engineering
- * Network security, vulnerability, and defenses
- * Network, transport, and application-layer protocols
- * Networking issues for emerging applications
- * Operating system and host support for networking
- * Peer-to-peer, overlay, and content distribution networks
- * Resource management, quality of service, and signaling
- * Routing, switching, and addressing
- * Technical aspects of online social networks
- * Techniques for network measurement and simulation
- * Wireless, mobile, ad-hoc, and sensor networks

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