



Important Dates

Paper Title and
Abstract Submission:
January 25, 2008

Full-paper Submission:
February 1, 2008

Acceptance Notification:
April 30, 2008

Camera Ready Due:
May 30, 2008

Conference:
August 17-22, 2008



Preliminary Announcement and CALL FOR PAPERS

The organizing committee is delighted to invite you to ACM SIGCOMM 2008, to be held at the Grand Hyatt Regency in Seattle, WA, USA between August 17-22, 2008. SIGCOMM is the flagship annual conference of the Special Interest Group on Data Communications, a special interest group of the Association for Computing Machinery.

The SIGCOMM 2008 conference seeks papers describing significant 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. Areas of interest include, but are not limited to:

- Analysis and design of network architectures and algorithms
- Experimental results from operational networks or network applications
- Fundamental insights into network and traffic characteristics
- Network fault-tolerance and reliability, debugging, and troubleshooting
- Network management and traffic engineering
- Network security, vulnerability, and defenses
- Network, transport, and application-layer protocols
- Networking issues for Web-hosted applications, VOIP and gaming
- Operating system and other host support for networking
- Peer-to-peer, overlay, and content distribution networks
- Resource management, quality of service, and signaling
- Routing, switching, and addressing
- Tools and techniques for network measurement and simulation
- Unique issues relating to enterprise, datacenter or storage area networks
- Wireless, mobile, ad-hoc, and sensor networks

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

As in previous years, SIGCOMM 2008 will have workshops, a poster session, a student travel grant program, and a Best Student Paper Award.

SIGCOMM 2008 Committee

General Chairs: Victor Bahl, Microsoft Research;
David Wetherall, University of Washington/Intel Research

PC Chairs: Stefan Savage, U.C. San Diego; Ion Stoica, U.C. Berkeley

Workshop/Tutorial Chair: Suman Banerjee, University of Wisconsin

Publicity Chair: Yin Zhang, University of Texas

Local Arrangements Chair: Ratul Mahajan, Microsoft Research

Poster/Demo Chair: Dina Papagiannaki, Intel

Travel Grant Chairs: Karen R. Sollins, MIT