



Preliminary Call for Papers

sigcomm 2005

Philadelphia/Pennsylvania/USA

August 22-August 26, 2005



The SIGCOMM 2005 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, and simulation. Areas of interest include, but are not limited to:

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

SIGCOMM 2005 solicits papers up to 14 pages in length. SIGCOMM is a selective conference where papers typically report novel results substantiated by implementation, experimentation, simulation, or analysis.

As in previous years, SIGCOMM 2005 will have a poster session and a student travel grant program. SIGCOMM 2005 will also feature tutorials and workshops for which it is soliciting proposals. Details will be posted on the conference web site as they become available.

Workshop/Tutorial Proposals:	October 15, 2004
Paper registration/abstract:	January 30, 2005 (Required, hard deadline)
Paper submission:	February 6, 2005 (Hard deadline)
Paper notification:	April 30, 2005
Camera-ready papers:	June 21, 2005



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Miscellaneous

The SIGCOMM 2005 Conference includes a Student Paper Award and a SIGCOMM Award recognizing lifetime contributions. Procedures for nominating candidates for the SIGCOMM Award can be obtained from Mark Crovella (crovella@cs.bu.edu)

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