



# 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.

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



# Preliminary Call for Papers

## sigcomm 2005

### Philadelphia/Pennsylvania/USA

### August 22-August 26, 2005



---

#### 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)

#### Organization Committee

General Chair:	Roch Guerin, University of Pennsylvania
Program Chairs:	Ramesh Govindan, University of Southern California Greg Minshall, Unaffiliated
Conference Coordinator:	Joe Touch, USC/Information Sciences Institute
Local Organization Chair:	Srisankar Kunniyur, University of Pennsylvania
Poster Chair:	Michalis Faloutsos, University of California, Riverside
Publications Chair:	Jauelice C. de Oliveira, Drexel University
Publicity Chair:	Saswati Sarkar, University of Pennsylvania
Registration Chair:	Andreas Terzis, Johns Hopkins University
Student Travel Grants Chair:	Subhabrata Sen, AT&T Labs, Research
Treasurer:	Christos Papadopoulos, University of Southern California
Tutorial Chair:	Debanjan Saha, IBM Research
Web Chair:	Steven Weber, Drexel University
Workshop Chair:	Dimitrios Stiliadis, Lucent, Bell Labs

#### Program Committee

Steve Bellovin, AT&T Labs, Research	Dina Katabi, MIT
Robert Braden, USC/ISI	Eddie Kohler, UC Los Angeles
Kenjiro Cho, Internet Initiative, Japan	Balachander Krishnamurthy, AT&T Labs, Research
Jon Crowcroft, Univ. of Cambridge	T.V. Lakshman, Lucent, Bell Labs
Bruce Davie, Cisco	Bruce Maggs, CMU
Richard Draves, Microsoft Research	Jeff Mogul, HP Labs
Anja Feldmann, TU, Muenchen	Jitendra Padhye, Microsoft Research
Peter Honeyman, Univ. of Michigan	Ion Stoica, UC Berkeley
Larry Huston, Intel Research	Geoffrey M. Voelker, UC San Diego
Hui Zhang, CMU	John Wroclawski, MIT