



Call for Papers

sigcomm 2004

Portland/Oregon/USA

August 30 – September 3



The SIGCOMM 2004 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 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

We welcome two categories of paper submissions -- full papers and position papers. As in previous years, SIGCOMM 2004 will have a poster session and student travel grant program. Details will be posted on the conference website as they become available.

Important Dates

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|------------------------------------|----------------------------------------------------|
| Workshop proposals | December 1, 2003 |
| Tutorial proposals | February 1, 2004 |
| Paper registration/abstract | January 30, 2004 (<i>REQUIRED and FIRM</i>) |
| Paper submission | February 6, 2004 (<i>FIRM</i>) |
| Paper notification | April 30, 2004 |
| Camera-ready papers | June 21, 2004 |

Full Papers

Full Papers are no more than 14 pages long and typically report novel results firmly substantiated by experimentation, simulation, or analysis. Guidelines on paper submission and formatting will be provided on the website.

<http://www.acm.org/sigcomm/sigcomm2004>



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Position Papers

Position papers are no more than 8 pages long and attempt to shape research directions by offering new perspectives, wisdom, and guidance, rather than by presenting mature work with quantitative results. More detailed information for authors of position papers will be available on the website as the submission deadline draws closer.

Posters

Posters are one 30" x 40" (75cm x 100cm) page long, and present ongoing work. Student submissions will be favored.

Tutorials and Workshops

SIGCOMM 2004 will feature tutorials and workshops to be announced on the website.

Miscellaneous

There will also be a Student Paper Award, Student Travel Grants, and a SIGCOMM Award recognizing lifetime contributions. Contact Mark Crovella (crovella@cs.bu.edu) to nominate a candidate for the SIGCOMM Award.

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