



Call for Papers

Twenty-Seventh Annual ACM SIGACT-SIGOPS Symposium on Principles of Distributed Computing (PODC 2008)

August 18-21, 2008, Toronto, Ontario, Canada

<http://www.podc.org/podc2008/>



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PODC solicits papers on all areas of distributed systems. We encourage submissions dealing with any aspect of distributed computing from the theoretical or experimental viewpoints. The common goal is to improve understanding of principles underlying distributed computing. Topics of interest include the following subjects in distributed systems:

- distributed algorithms: design and analysis
- communication networks: architectures, services, protocols, applications
- multiprocessor and multi-core architectures and algorithms
- shared and transactional memory, synchronization protocols, concurrent programming
- fault-tolerance, reliability, availability, self organization
- Internet applications, social networks, recommender systems
- distributed operating systems, middleware platforms, databases
- distributed computing with selfish agents
- peer-to-peer systems, overlay networks, distributed data management
- high-performance, cluster, and grid computing
- mobile computing, autonomous agents, location- and context-aware distributed systems
- security in distributed computing, cryptographic protocols
- sensor, mesh, and ad hoc networks
- specification, semantics, verification, and testing of distributed systems

Submissions. Papers are to be submitted electronically, following the guidelines available on the conference web page. Note that abstracts of regular papers must be registered by the registration deadline indicated above; full papers are due only by the submission deadline.

A submission for a **regular presentation** must report on original research. Papers submitted for regular presentations must contain results that have not previously appeared, and have not been concurrently submitted to a journal or conference with published proceedings. Any partial overlap with any such published or concurrently submitted paper must be clearly indicated. Papers for regular presentation must be no longer than 12 single-column pages on letter-size paper using at least 11-point font, including tables and references. Up to 4 additional pages of figures may be included with the submission. Additional details may be included in a clearly marked appendix, which will be read at the discretion of the program committee.

A submission for a **brief announcement** must be no longer than 3 single-column pages on letter-size paper using at least 11-point font. Such submissions may describe work in progress or work presented elsewhere. A submission that is not selected for regular presentation may be invited for a brief announcement.

Publication. Regular papers and brief announcements will be included in the conference proceedings. Regular papers receive up to 10 letter-size pages, brief announcements receive up to 2 letter-size pages.

Best Student Paper Award. The program committee will give a prize for the best regular paper that has at least half the authors who are full-time students at the time of submission and whose contributions to the paper are significant. To be considered for the prize, the other co-authors of the paper must jointly send a letter to the program committee chair briefly describing the combined contributions of the student author(s) to the paper. The program committee may decline to make the award or may split it.

Key Dates

Submission type	Registration	Submission	Notification	Camera Ready
Regular Presentations	Feb. 4 2008	Feb. 11 2008, 17:00 EST	Apr. 18 2008	May 18 2008
Brief Announcements	no registration	Apr. 27 2008, 17:00 EDT	May 11, 2008	June 6, 2008