

**Call for Papers**  
**Twenty-sixth Annual ACM SIGACT-SIGOPS Symposium on**  
**PRINCIPLES OF DISTRIBUTED COMPUTING (PODC)**  
**August 12–15, 2007, Portland, Oregon, USA**  
<http://www.podc.org/podc2007>

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**SCOPE:** PODC solicits papers on all areas of distributed systems. We encourage submissions dealing with any aspect of distributed computing, including theory and practice. The common goal is to shed light on the principles of distributed computing. Topics of interest include the following subjects in distributed systems:

- communication and synchronization protocols
- distributed algorithms, analysis and complexity
- distributed operating systems, middleware platforms, databases
- economical aspects of distributed computing, selfish agents
- experiments and performance measurements in distributed systems
- fault-tolerance, reliability, availability, self organization
- high-performance, cluster, and grid computing
- internet, world wide web, social networks
- location- and context-aware distributed systems
- mobile computing, mobile networks, mobile agents
- multiprocessor and multi-core architectures and algorithms
- networking: architectures, services, routing, applications
- peer-to-peer systems, overlay networks, distributed data management
- security issues in distributed computing, cryptographic protocols
- sensor, mesh, and ad hoc networks
- shared and transactional memory, concurrent programming
- specification, semantics, verification, and testing of distributed systems

**SUBMISSION:** Authors must submit their papers electronically, following the guidelines available on the PODC web page.

A submission for a **regular presentation** must report on original research. Papers submitted for regular presentations must not have previously appeared in a journal or conference with published proceedings and must not be concurrently submitted to any other conference. 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 pages on letter-size paper using at least 11-point font, including figures, tables and references. 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 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.

**Posters and demos** are also solicited; details will appear on the PODC web page.

**PUBLICATION:** The selection of regular presentations will be based on peer-review by regular program committee members. The selection of brief announcements may also be based on peer-reviews by junior program committee members. Regular papers and brief announcements will be included in the conference proceedings.

**BEST STUDENT PAPER AWARD:** A prize will be given to the best paper co-authored by a full-time student at the time of submission. The program committee may decline to make the award or may split it.

**IMPORTANT DATES**

Submission type	Registration	Notification	Camera-ready
Regular Presentations	February 12, 2007	April 30, 2007	May 21, 2007
Brief Announcements	May 4, 2007	May 22, 2007	May 28, 2007
Posters & Demonstrations	May 14, 2007	May 22, 2007	May 29, 2007