Call for Papers

Thirtieth Annual ACM SIGACT-SIGOPS Symposium on

Principles of Distributed Computing (PODC 2011)

June 6-8, 2011, San Jose, CA, USA

as part of the 5th Federated Computing Research Conference (FCRC)

http://www.podc.org/podc2011/

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Overview. PODC solicits papers on all areas of distributed computing. Papers from all viewpoints, including theory, practice, and experimentation, are welcome. The common goal of the conference is to improve understanding of the principles underlying distributed computing. Topics of interest include, but are not limited to, the following subjects:

- distributed algorithms: design, analysis, and complexity
- 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, recommendation systems
- distributed operating systems, middleware platforms, databases
- game-theoretic approaches to distributed computing
- peer-to-peer systems, overlay networks, distributed data management
- high-performance, cluster, cloud and grid computing
- wireless networks, mobile computing, autonomous agents
- context-aware distributed systems
- security in distributed computing, cryptographic protocols
- sensor, mesh, and ad hoc networks
- specification, semantics, verification, and testing of distributed systems

Submission. Papers are to be submitted electronically, following the guidelines available on the conference webpage (http://www.podc.org/podc2011). Note that abstracts of regular papers must be submitted one week before the full papers; note also that deadlines are firm.

A submission for a regular presentation must report 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 include (1) a cover page, stating the title of the paper, the authors' names and affiliations, an abstract, and indication of whether the paper should be considered for the best student paper award, and if so the name(s) of the student(s) recommended for the award; (2) no more than 12 single-column pages on letter-size paper using at least 11-point font, including figures, but excluding references; (3) one or more extra pages used for references only. 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, including title, authors' names and affiliations, and references. 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.

Awards. Every regular paper is eligible for the best paper award and the best presentation award. Regular papers co-authored by full-time students may also be eligible for the best student paper award—for a paper to be considered, the nominated authors should be full time students at the time of submission and they should be principally responsible for the paper's contributions. The program committee may decline to make these awards or may split them.

Deadlines

Submission type	Registration	Submission	Notification	Camera Ready
Regular Presentations	Jan. 10, 2011	Jan. 17, 2011	Mar. 7, 2011	Mar. 31, 2011
Brief Announcements	none	Mar. 14, 2011	Mar. 21, 2011	Mar. 31, 2011