

Call for Papers
 Twenty-Ninth Annual ACM SIGACT-SIGOPS Symposium on
 Principles of Distributed Computing (PODC 2010)
 July 25-28, 2010, Zurich, Switzerland
<http://www.podc.org/podc2010/>

Program Committee

Marcos K. Aguilera *MSR Silicon Valley, USA*
 Rida A. Bazzi *Arizona State University, USA*
 Olivier Beaumont *INRIA Bordeaux, France*
 Michael Bender *Stony Brook University, USA*
 Christian Cachin *IBM Zurich, Switzerland*
 Wei Chen *MSR Asia, China*
 Bogdan Chlebus *University of Colorado, USA*
 Partha Dutta *IBM Research, India*
 Panagiota Fatourou *ICS FORTH, Greece*
 Hugues Fauconnier *U Paris Diderot, France*
 Antonio Fernandez Anta *U Rey J Carlos, Spain*
 Roy Friedman *Technion, Israel*
 Rachid Guerraoui (Chair) *EPFL, Switzerland*
 Seth Gilbert *EPFL, Switzerland*
 Danny Hendler *Ben-Gurion University, Israel*
 Prasad Jayanti *Dartmouth College, USA*
 Dariusz Kowalski *University of Liverpool, UK*
 Maged Michael *IBM Watson, USA*
 Thomas Moscibroda *MSR Redmond, USA*
 Marina Papatriantafyllou *Chalmers U, Sweden*
 Franck Petit *Université de Paris 6, France*
 Sergio Rajsbaum *UNAM, Mexico*
 Luis Rodrigues *INESC-ID, Portugal*
 Eric Ruppert *York University, Canada*
 Peter Triantafyllou *University of Patras, Greece*
 Jan Vitek *Purdue University, USA*

Conference Committee Chairs

Yuval Emek (publicity) *Microsoft*
 Rui Fan (publicity) *Technion*
 Cyril Gavoille (treasurer) *U Bordeaux*
 Thomas Locher (workshop) *IBM*
 Yvonne-Anne Pignolet (registration) *IBM*
 Andrea Richa (general) *Arizona State U*
 Roger Wattenhofer (local arr.) *ETHZ*

Steering Committee

Lorenzo Alvisi *UT Austin*
 Cyril Gavoille *U Bordeaux*
 Rachid Guerraoui *EPFL*
 Boaz Patt-Shamir *Tel Aviv U*
 Andrzej Pelc (chair) *U Québec*
 Andrea Richa *Arizona State U*
 Jennifer Welch *TAMU*

PODC solicits papers in all areas of distributed computing. Papers from all viewpoints, including theory, practice, and experimentation, are welcome. The common goal 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, 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

Submission. Papers are to be submitted electronically, following the guidelines available on the conference web page (<http://www.podc.org/podc2010>). Note that abstracts of regular papers must be submitted one week before the full papers; note also that the 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' affiliation, 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; (3) an extra page 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. 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.

Special issues. For the first time this year, PODC will have two special issues: one in JACM and one in DC. The PC will invite the submissions of extended versions of the top accepted papers to one or the other of these special issues, based on quality and scope of each paper.

Key Dates

Submission type	Registration	Submission	Notification	Camera Ready
Regular Presentations	Feb. 10, 2010	Feb. 17, 2010	Apr. 15, 2010	May 17, 2010
Brief Announcements	no registration	Apr. 27, 2010	May 15, 2010	May 26, 2010