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/

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 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.

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; (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.

<table>
<thead>
<tr>
<th>Submission type</th>
<th>Key Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Presentations</td>
<td>Feb. 10, 2010</td>
</tr>
<tr>
<td>Brief Announcements</td>
<td>Feb. 17, 2010</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Registration</th>
<th>Submission</th>
<th>Notification</th>
<th>Camera Ready</th>
</tr>
</thead>
<tbody>
<tr>
<td>no registration</td>
<td>Apr. 15, 2010</td>
<td>May 15, 2010</td>
<td>May 26, 2010</td>
</tr>
</tbody>
</table>

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 Quebec
Andrea Richa Arizona State U
Jennifer Welch TAMU