



Call for Papers

Twentieth Annual ACM SIGACT-SIGOPS Symposium on PRINCIPLES OF DISTRIBUTED COMPUTING (PODC)



August 26–29, 2001, Newport, Rhode Island

<http://www.podc.org/podc2001/>

Important dates:

Submission deadline
Acceptance notification
Camera-ready copy due

January 29, 2001

March 26, 2001

April 27, 2001

Program Committee:

Micah Adler	<i>U. Mass Amherst</i>
Yair Amir	<i>Johns Hopkins U.</i>
Ran Canetti	<i>IBM T. J. Watson</i>
Dave Detlefs	<i>Sun Labs</i>
Michael Fischer	<i>Yale U.</i>
Allan Gottlieb	<i>NYU & NEC</i>
Lisa Higham	<i>U. Calgary</i>
Idit Keidar	<i>MIT</i>
Bruce Maggs	<i>CMU & Akamai</i>
Marios Mavronicolas	<i>U. Cyprus</i>
Maged Michael	<i>IBM T. J. Watson</i>
Michel Raynal	<i>IRISA</i>
Martin Rinard	<i>MIT</i>
Eric Ruppert	<i>York U.</i>
Nir Shavit	<i>Tel Aviv U. & Sun Labs, Chair</i>
Liuba Shrira	<i>Brandeis U.</i>
Dan Touitou	<i>IBM Haifa</i>
Mark Tuttle	<i>Compaq CRL</i>

Conference Committee:

Ajay Kshemkalyani	<i>U. Ill.-Chicago, Conf. Chair</i>
Gil Neiger	<i>Intel MRL, Webmaster</i>
Injong Rhee	<i>N.C. State U., Publicity Chair</i>
Aleta Ricciardi	<i>Valaran Corp., Treasurer</i>
Alex Shvartsman	<i>U. Connecticut,</i>
	<i>Local Arrangements Chair</i>

Steering Committee:

James Anderson	<i>UNC</i>
Ajay Kshemkalyani	<i>U. Ill.-Chicago</i>
Keith Marzullo	<i>U. Calif.-San Diego</i>
Gil Neiger	<i>Intel MRL, Chair</i>
Aleta Ricciardi	<i>Valaran Corp.</i>
Nir Shavit	<i>Tel-Aviv U. & Sun Labs</i>
Jennifer Welch	<i>Texas A&M U.</i>

How to submit:

Electronic submissions are encouraged; go to <http://milkyway.math.tau.ac.il:8086/submit.html> for further details. Authors unable to submit electronically should contact the program chair, Nir Shavit, by email, shanir@math.tau.ac.il, to receive instructions.

Best student paper award:

A prize will be given to the best student paper. A paper is eligible if at least one author is a full-time student at the time of submission. This must be noted on the cover page. The program committee may decline to make the award or split it.

SCOPE: Research contributions on the theory, design, specification, implementation, or application of distributed systems are solicited. PODC 2001 differs from earlier PODCs in that we are actively seeking papers reporting on the implementation, analysis, evaluation, and deployment of real systems. We will favor work that explores new territory or reflects on experience with practical applications of the community's knowledge.

Topics of interest include, but are not limited to, the following:

- distributed algorithms and their complexity,
- fault tolerance and availability in distributed systems,
- distributed cryptographic and security protocols,
- mobile computing,
- distributed computing issues in the Internet and the Web,
- communication network protocols and architectures,
- multiprocessor/cluster architectures and algorithms,
- distributed middleware platforms, operating systems, and databases,
- specification, semantics, and verification of distributed systems,
- hardware, software, and compiler support for coordination and synchronization.

Conference presentations will have two formats: *Regular presentations* of approximately 25 minutes accompanied by papers of up to 10 pages in the proceedings. This format is intended for contributions reporting on original research, submitted exclusively to this conference. *Brief announcements* of approximately 10 minutes accompanied by one page abstracts in the proceedings. This format is a forum for brief communications, which may be published in other conferences.

SUBMISSIONS FORMAT: All electronic submissions must be in postscript, and capable of being previewed by ghostview. The cover page should include (1) title, (2) authors and affiliations, (3) postal and e-mail address of the contact author, (4) a brief abstract describing the work, (5) **at the bottom of the brief abstract, in boldface**, an indication of non-student or student status, and (6) an indication if this is a regular presentation or brief announcement.

It is recommended that each submission begin with a succinct statement of the problem, summary of the main results, and a brief explanation of their significance, all suitable for a non-specialist. Technical development of the work, directed to the specialist, should follow. A submission for the *regular presentation* format should be no longer than 4,500 words (10 pages on letter-size paper using at least 11-point font). Additional *necessary* details may be included in a clearly marked appendix that will be read at the discretion of the program committee. A submission for the *brief announcement* format should be no longer than three pages. Authors of accepted brief announcements will have the option of placing a full version of their work on the conference web site. If requested by the authors, an extended abstract that is not selected for a regular presentation will also be considered for the brief announcement format. Such a request will not affect consideration of the paper for a regular presentation. Extended abstracts deviating significantly from these guidelines will be rejected without consideration of their merits. Late papers will not be read or considered.