



Call for Papers

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

July 20–24, 2002, Monterey, California

<http://www.podc.org/podc2002/>



Important dates:

Submission deadline
Acceptance notification
Camera-ready copy due

February 3, 2002

April 9, 2002

April 29, 2002

Program Committee:

Andrea Arpaci-Dusseau	<i>U. Wisc. Madison</i>
Michael Dahlin	<i>U. Texas Austin</i>
Shlomi Dolev	<i>Ben-Gurion U.</i>
Alan Fekete	<i>U. Sydney</i>
Ian Foster	<i>Argonne & U. Chicago</i>
Eli Gafni	<i>U. Calif. Los Angeles</i>
Michael Greenwald	<i>U. Penn.</i>
Rachid Guerraoui	<i>EPF Lausanne</i>
Prasad Jayanti	<i>Dartmouth</i>
Idit Keidar	<i>MIT & Technion</i>
Ajay Kshemkalyani	<i>U. Illinois Chicago</i>
Keith Marzullo, <i>Chair</i>	<i>U. Calif. San Diego</i>
Michael Mitzenmacher	<i>Harvard</i>
Sergio Rajsbaum	<i>Compaq & UNAM</i>
Michael Reiter	<i>CMU</i>
Aleta Ricciardi	<i>Valaran Corp.</i>
Alex Shvartsman	<i>U. Connecticut</i>
Marvin Theimer	<i>Microsoft Research</i>
Yi-Min Wang	<i>Microsoft Research</i>
Roger Wattenhofer	<i>ETH Zurich</i>
Jeannette Wing	<i>CMU</i>

Conference Committee:

Elizabeth Borowsky, <i>Treasurer</i>	<i>Boston Coll.</i>
Rajeev Joshi,	<i>Compaq SRC</i>
<i>Local Arrangements</i>	
Hyunyoung Lee, <i>Publicity</i>	<i>U. Denver</i>
Keith Marzullo,	<i>U. Calif. San Diego</i>
<i>Program Chair</i>	
Gil Neiger, <i>Webmaster</i>	<i>Intel Labs</i>
Aleta Ricciardi, <i>General Chair</i>	<i>Valaran Corp.</i>

Steering Committee:

James Anderson	<i>U. North Carolina</i>
Elizabeth Borowsky	<i>Boston Coll.</i>
Keith Marzullo	<i>U. Calif. San Diego</i>
Yoram Moses	<i>Technion</i>
Gil Neiger, <i>Chair</i>	<i>Intel Labs</i>
Aleta Ricciardi	<i>Valaran Corp.</i>
Nir Shavit	<i>Tel-Aviv U. & Sun Labs</i>

How to submit:

Electronic submissions are encouraged; information on how to submit electronically are available at <http://camp.ucsd.edu:8086/>. Authors unable to submit electronically should contact the program chair, Keith Marzullo, by email, marzullo@cs.ucsd.edu, to receive instructions.

SCOPE: We are soliciting research contributions on the design, specification, implementation, application and theory of distributed systems. We are continuing to broaden the conference by 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 middleware platforms, operating systems, and databases
- Multiprocessor/cluster architectures, algorithms, and performance
- Distributed computing issues in the Internet and the Web
- Hardware, software, and compiler support for coordination and synchronization
- Mobile computing
- Communication network protocols and architectures
- High-performance distributed computing and the computational grid
- Distributed algorithms and their complexity
- Fault tolerance and availability in distributed systems
- Distributed cryptographic and security protocols
- Specification, semantics, and verification of distributed systems

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.

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.