Call for Papers

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

July 16 – 19, 2000, Portland, Oregon

http://www.podc.org/podc2000/

Important dates:

Submission deadline	**January 14, 2000**
Acceptance notification	**March 20, 2000**
Camera-ready copy due	**April 21, 2000**

Program Committee:

James Anderson	*Univ. of North Carolina, Chair*
Anish Arora	*The Ohio State Univ.*
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Keith Marzullo	*Univ. of California, San Diego*
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Gary Peterson	*Spelman College*
Tal Rabin	*IBM T.J. Watson*
Raj Rajkumar	*Carnegie Mellon Univ.*
Injong Rhee	*North Carolina State Univ.*
Nir Shavit	*Tel Aviv Univ. & Sun Labs*
Alex Shvartsman	*Univ. of Connecticut*
Paul Spirakis	*Patras Univ. and CTI*

Conference Committee:

Ajay Kshemkalyani	*Univ. of Ill.-Chicago, Treas.*
Gil Neiger	*Intel MRL, Conf. Chair and Local Arrangements*
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Gil Neiger	*Intel MRL*
Jennifer Welch	*Texas A&M Univ.*

How to submit:
Electronic submissions are encouraged; details will be available later on the PODC web site. Authors unable to submit electronically should contact the program chair, Jim Anderson, by email, anderson@cs.unc.edu, or phone, 1-919-962-1757 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. This year PODC will be held in conjunction with a workshop on middleware (information concerning the workshop will be posted on the PODC web site once it is available). In light of this, PODC especially encourages papers addressing distributed computing issues in building and using middleware. Topics of interest include, but are not limited to:

- distributed algorithms and their complexity,
- specification, semantics and verification of distributed systems,
- issues relating to the design and use of middleware platforms,
- fault tolerance of distributed systems,
- cryptographic and security protocols for distributed systems,
- mobile computing,
- distributed computing issues in the Internet, including the Web,
- communication network protocols and architectures,
- multiprocessor/cluster architectures and algorithms,
- distributed operating systems and databases,
- consistency conditions, concurrency control and synchronization,
- distributed object-oriented computing.

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) indication of the format(s) to which the paper is submitted (regular presentation or brief announcement), and (5) a brief abstract describing the work. 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). If the authors believe that more details are essential to substantiate the main claims of the paper, they may include a clearly marked appendix that will be read at the discretion of the program committee. Extended abstracts deviating significantly from these guidelines will be rejected without consideration of their merits. Late papers will not be read or considered. 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.