Call for Papers

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

May 4 – 6, 1999, Atlanta, Georgia (part of FCRC, April 29 – May 6, 1999)

http://www.cs.tamu.edu/people/hlee/podc99.html

Important, *earlier* than usual, dates:

Submission deadline	**November 3, 1998**
Acceptance notification	**January 11, 1999**
Camera-ready copy due	**February 15, 1999**

New this year:

PODC '99 will be part of the ACM Federated Computing Research Conference (FCRC '99). Brief announcements will be presented in poster sessions. Full versions of brief announcement papers are not mandatory.

Program Committee:

Jim Aspnes	*Yale Univ.*
Amotz Bar-Noy	*Tel-Aviv Univ.*
Mihir Bellare	*Univ. of California, San Diego*
Pei Cao	*Univ. of Wisconsin*
John Carter	*Univ. of Utah*
Rance Cleaveland	*SUNY at Stony Brook*
Brian Coan	*Bellcore*
Roy Friedman	*Technion*
Prasad Jayanti	*Dartmouth College*
David Peleg	*Weizmann*
Michael Reiter	*Bell Laboratories*
Gadi Taubenfeld	*Open Univ. of Israel*
Nitin Vaidya	*Texas A&M Univ.*
Jennifer Welch	*Texas A&M Univ., Chair*
Peter Widmayer	*ETH Zurich*

Steering and Conference Committee:

Yehuda Afek	*Tel-Aviv Univ.*
Hagit Attiya	*Technion*
Rida Bazzi	*Arizona State Univ.*
Brian Coan	*Bellcore, Conf. Chair*
HyunYoung Lee	*Webmaster*
Michael Merritt	*AT&T Labs, St. Com. Chair*
Gil Neiger	*Intel MRL, Treasurer*

How to submit:

Authors are invited to electronically submit their extended abstracts or brief announcements; details will be available later on the web site. Authors unable to submit electronically should contact the program chair, Jennifer Welch, by email, welch@cs.tamu.edu, or phone, 1-409-845-5076, to receive instructions.

SCOPE: Research contributions to the theory, design, specification, implementation or application of distributed systems are solicited. Papers describing algorithmic issues encountered in development of experimental or commercial systems are especially encouraged. This year PODC especially encourages papers addressing distributed computing issues regarding mobile computing and the Internet. Topics of interest include, but are not limited to:

- distributed algorithms and their complexity,
- specification, semantics and verification of distributed systems,
- 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 systems management,
- distributed applications and object-oriented computing.

Conference presentations will have two formats: **Regular presentations** of 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** presented in poster sessions accompanied by one page abstracts in the proceedings. This format is a forum for brief communications, which may be published in other conferences. Longer versions expanding the brief announcements will be collected at a web site, at the option of the authors.

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 a WWW site for the conference. If requested by the authors in the cover letter, 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.

BEST STUDENT PAPER AWARD: A prize will be given to the best student paper. A paper is eligible if at least one of its authors is a full-time student at the time of submission. This must be indicated in the cover letter. The program committee may decline to make the award or split it.