Call for Papers

Twentieth International Symposium on DIStributed Computing (DISC)

September 18th – September 20th, 2006, Stockholm, Sweden

http://www.sics.se/disc2006

How to submit:
Authors are invited to submit their extended abstracts or brief announcements electronically. A detailed description of the electronic submission procedure will appear on the conference web-page, as of March 1, 2006. Authors unable to submit electronically should contact the program chair, Shlomi Dolev by email, dolev@cs.bgu.ac.il or by phone, +972-8-6472715 to receive instructions.

SCOPE: DISC, the International Symposium on DIStributed Computing, is an annual forum for research presentations on all facets of distributed computing. DISC 2006 is organized in cooperation with the European Association for Theoretical Computer Science (EATCS). Research contributions to the theory, design, specification, analysis, implementation, or application of distributed systems and networks are solicited. Topics of interest include, but are not limited to:

- distributed algorithms and their complexity,
- concurrent programming and synchronization algorithms,
- multiprocessor/cluster architectures and algorithms,
- fault tolerance,
- self-stabilizing, self-*, and autonomic systems,
- communication networks—protocols and architectures,
- sensor, mobile, ad-hoc, peer-to-peer networks,
- pervasive and ubiquitous computing,
- cryptographic and security protocols,
- specification, semantics, and verification,
- distributed computing issues in the Internet and the world-wide web,
- distributed operating systems and databases,
- distributed programming languages.

Conference presentations will have two formats: **Regular presentations** of 25 minutes accompanied by papers of up to 15 pages in the proceedings. This form is intended for contributions reporting on original research, submitted exclusively to this conference. **Brief announcements** of 5 to 10 minutes accompanied by two 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. The symposium proceedings will be published by Springer in its Lecture Notes in Computer Science series. Extended and revised versions of selected papers will be considered for a special issue of the Distributed Computing journal.

SUBMISSIONS FORMAT: The cover page should include (1) title, (2) authors and affiliation, (3) postal and e-mail address of the contact author, (4) indication of the format(s) to which the paper is submitted, 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, figures and tables included) excluding references. 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 risk rejection without consideration of their merits. A submission for the **brief announcement** format should be no longer than three pages. Authors of accepted brief announcements will be asked to submit a full version of their work to be placed on a WWW site.

If requested by the authors in the cover letter, an extended abstract that is not selected for a long presentation will also be considered for the brief announcement format. Such a request will not affect consideration of the paper for a long 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 page. The program committee may decline to offer the award or may split it.