

DISC 2012
26th International Symposium on Distributed Computing

16-18 October 2012, Pestana Bahia Hotel
Salvador, Bahia, Brazil
<http://www.lasid.ufba.br/disc2012>

CALL FOR PAPERS

DISC, the International Symposium on Distributed Computing, is an international forum on the theory, design, analysis, implementation, and application of distributed systems and networks.

DISC 2012 is organized by the Distributed Systems Laboratory (LaSiD) of Federal University of Bahia (UFBA), in cooperation with the European Association for Theoretical Computer Science (EATCS) and the Brazilian Computer Society (SBC).

SCOPE

Original contributions to the theory, design, implementation, modeling, analysis, or application of distributed systems and networks are solicited. Topics of interest include, but are not limited to, the following:

- . Distributed algorithms; correctness and complexity
- . Concurrency, synchronization, and transactional memory
- . Distributed operating systems, middleware, database systems
- . Self-stabilizing, self-organizing, and autonomic systems
- . Wireless, mobile, sensor, and ad-hoc networks
- . Fault tolerance, reliability, availability
- . Game-theoretic approaches to distributed computing
- . Specification, verification, and testing: tools, methodologies
- . Networks: protocols, architectures, services, applications
- . Multiprocessor and multicore architectures and algorithms
- . Security in distributed computing, cryptographic protocols
- . Distributed computing issues in cloud computing and the Internet

DATES (Deadlines are hard.)

Abstract registration: 13 May 2012

Paper submission: 20 May 2012

Notification: 30 July 2012

Camera ready: 10 Aug 2012

SUBMISSION

Papers must be submitted at the conference submission web site. A submission must be in English in PS/PDF format. A submission for a regular presentation must report on original research that has not previously appeared and has not been concurrently submitted to a journal or conference with published proceedings. Any overlap with a published or concurrently submitted paper must be clearly indicated. Submitted papers must not exceed 10 pages on letter paper using 11 point font (Times-Roman or similar), single spaced with 13.2 point leading (baselineskip), with a text block of 6.5 inches wide by 9 inches tall. The page limit includes title and abstract but excludes references. Additional details may be included in a clearly-marked appendix that will be read at the discretion of the program committee. A brief announcement submission must not exceed 3 pages in the same format. It is permissible for the material in brief announcements to be published in other conferences. Submissions not conforming to these rules will not be reviewed. If requested on the

submission system, a regular submission can be also considered for publication as a brief announcement. This choice will not affect consideration of the paper as a regular submission.

AWARDS

Awards will be given to the best paper and the best student paper. A paper is eligible for the best student paper award if at least one of its authors is a full-time student at the time of submission.

The Principles of Distributed Computing Doctoral Dissertation Award 2012

Submission deadline: May 31, 2012.

Contact: Faith Ellen (faith@cs.toronto.edu)

WORKSHOPS

Proposals for satellite workshops are welcome, and should be sent to the program committee chair by 13 May 2012.

PROGRAM

The program will include keynote lectures, tutorials, regular presentations, and brief announcements. Workshops will be held on the days before and after DISC. Regular presentations of 25 minutes will be accompanied by papers of up to 15 pages in the proceedings. Brief announcements of 5 to 10 minutes will be accompanied by two-page abstracts in the proceedings.

PROGRAM COMMITTEE

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