PODC 2014
33rd Annual ACM Symposium on Principles of Distributed Computing
July 15-18, 2014, Paris, France

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Dates

Submission deadline	**February 10, 2014**
Acceptance notification	**April 20, 2014**
Camera-ready copy due	**May 13, 2014**

The submission deadline is firm.

Best paper and best student paper awards. Prizes will be given to the best paper, the best student paper and the best presentation. 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. This must be indicated in the cover page. The program committee may decline to confer the awards or may split awards.

Scope. Original contributions to the theory, design, analysis, implementation, or application of distributed systems and networks, and, *in particular, of conceptually innovative results* are solicited. Topics of interest include, but are not limited to:

- algorithms for distributed systems and their complexity
- cluster, cloud, grid and high-performance computing
- communication networks: protocols, architectures, services, applications
- concurrent programming, synchronization, shared and transactional memory
- cryptographic protocols and system security
- distributed operating systems, databases and programming languages
- dynamic, adaptive and machine learning based distributed algorithms
- formal methods, semantics and verification of concurrent systems
- fault tolerance, reliability, availability of distributed systems
- game-theoretic approaches to distributed computing
- information theory, codes and reliable communication
- Internet applications, social networks and complex networks
- multiprocessor and multi-core architectures and algorithms
- nanonetworks and biological distributed algorithms
- quantum and optics based distributed algorithms
- self-stabilizing, self-organizing and autonomic systems
- sensor, mobile, ad-hoc, robot and peer-to-peer networks

Conference presentations will have two formats:

Regular presentations of 25 minutes accompanied by papers of up to 10 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.

Submission. Papers are to be submitted electronically, following the guidelines available on the conference web page. Authors unable to submit electronically should contact the program chair to receive instructions.

Each submission must be in English, in PDF format, and begin with a cover page including: (1) the title, (2) the names and affiliations of all authors, (3) contact author's email, address and telephone number, (4) a brief, one paragraph abstract of the paper, (5) indication whether the paper is a regular submission, or a brief announcement submission, (6) indication whether the submission is eligible to be considered for the best student paper award.

A regular submission must not exceed 10 single-column pages (excluding cover page and references). Additional necessary 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 single-column pages. All submissions must use at least 11-point font and have reasonable margins. Any submission deviating from these guidelines will be rejected without consideration of its merit.

It is recommended that a regular submission begin with a succinct statement of the problem or the issue being addressed, a summary of the main results or conclusions, a brief explanation of their significance, a brief statement of the key ideas, and a comparison with related work, all tailored to a non-specialist. Technical development of the work, directed to the specialist, should follow. Papers outside of the conference scope will be rejected without review.

If requested by the authors on the cover page, a regular submission that is not selected for a regular presentation will also be considered for the brief announcement format. This will not affect consideration of the paper for a regular presentation.

Publication. Regular papers and brief announcements will be included in the conference proceedings. Extended and revised versions of selected papers will be considered for a special issue of the Distributed Computing journal. Two papers will be considered for publication in JACM.