

CALL FOR PAPERS

26th ACM Symposium on PARALLELISM IN ALGORITHMS AND ARCHITECTURES (SPAA)

Portland, Oregon

June 13–15, 2015

<http://www.spaa-conference.org>

Contributed papers are sought in *all* areas of parallel algorithms and architectures, encompassing any computational system that can perform multiple operations or tasks simultaneously. Topics of interest include, but are not limited to:

- Parallel and Distributed Algorithms
- Green Computing & Power-Efficient Architectures
- Parallel Complexity Theory
- Multi-Core Architectures
- Compilers and Tools for Concurrent Programming
- Transactional Memory Hardware and Software
- Game Theory and Collaborative Learning
- Mobile, Ad-Hoc, and Sensor Networks
- Robustness, Self-Stabilization, and Security
- Parallel and Distributed Data Structures
- Management of Massive Data Sets
- Parallel and Distributed Architectures
- Instruction Level Parallelism and VLSI
- Supercomputer Architecture and Computing
- Resource Management and Awareness
- Routing and Information Dissemination
- Peer-to-Peer Systems
- Synergy of Parallelism in Algorithms and Architectures

CONFERENCE PRESENTATION:

Regular presentations will be allotted a 25-minute talk and up to 10 pages in the proceedings. This format is intended for contributions reporting original research, submitted exclusively to this conference.

Brief announcements will be allotted a 10-minute talk and a two-page abstract in the proceedings. This format is a forum for brief communications, which may be published later in other conferences.

Every regular paper is eligible for the **best paper award**. The program committee may decline to make this award or may split the award among multiple papers.

SUBMISSIONS: Authors of contributed papers are encouraged to submit their manuscript electronically. To submit electronically, visit <http://www.spaa-conference.org> for instructions. *This is the preferred method of submission.* Authors unable to submit electronically should contact the program chair Kunal Agrawal at kunal@wustl.edu to receive instructions.

Submitted manuscripts may not exceed ten (10) single-spaced double-column pages for regular papers and two (2) single-spaced double-column pages for brief announcements, using 10-point size font on 8.5x11 inch pages, including figures, tables, and references. See <http://www.acm.org/sigs/publications/proceedings-templates> (Option 2) for details, including the sig-alternate.cls style file and a sample file. Additional details may be added in a clearly marked appendix that will be read at the discretion of the program committee. Please indicate in the title of your manuscript whether this is a regular paper or a brief announcement. If requested by the authors, a manuscript that is not selected as a regular paper will also be considered for the SPAA brief announcements. Such a request will not affect the chances of the manuscript to be accepted as a regular paper.

IMPORTANT DATES:

Submission deadlines: **January 14, 2014**, 11:59 p.m. EST for the abstracts and **January 16, 2014**, 11:59 p.m. EST for the full papers.

Rebuttal period: **March 4-5, 2014**.

Notification: **March 23, 2014**. Camera-ready copy due: **April 21, 2014**.

PROGRAM COMMITTEE:

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CONFERENCE ORGANIZATION:

Conference Chair: Guy Blelloch (CMU)

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