

# CALL FOR PAPERS

25th ACM Symposium on  
PARALLELISM IN ALGORITHMS AND ARCHITECTURES (SPAA)  
Montreal, Canada  
July 23–25, 2013  
<http://www.spaa-conference.org>

This year, SPAA is co-located with PODC. 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
- Resource Management and Awareness
- Mobile, Ad-Hoc, and Sensor Networks
- Synergy of Parallelism in Algorithms, Programming and Architecture
- Parallel and Distributed Data Structures
- Management of Massive Data Sets
- Parallel and Distributed Architectures
- Instruction Level Parallelism and VLSI
- Supercomputer Architecture and Computing
- The Internet and the World Wide Web
- Routing and Information Dissemination
- Peer-to-Peer Systems
- Robustness, Self-Stabilization, and Security

## 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 Berthold Vöcking at [voecking@cs.rwth-aachen.de](mailto:voecking@cs.rwth-aachen.de) to receive instructions.

The cover page should include (1) title, (2) authors and affiliation, (3) postal and email address of the contact author, (4) a brief abstract describing the content of the paper, and (5) an indication if this is a regular presentation or a SPAA brief announcement. If requested by the authors, an extended abstract that is not selected for a regular presentation will also be considered for the SPAA brief announcements.

**Submissions for regular presentations** should include an introduction understandable to a nonspecialist including motivation and previous work, and a technical exposition directed to a specialist. A submission should not exceed 10 printed pages in 11-point type or larger (excluding cover, figures, and references). More details may be supplied in a clearly marked appendix to be read at the discretion of the program committee.

**Submissions for brief announcements** should be no longer than three pages (excluding the cover page) using at least 11-point font.

## IMPORTANT DATES:

Submission deadlines: **February 11, 2013**, 11:59 p.m. EST for the abstracts and **February 13, 2013**, 11:59 p.m. EST for the full papers.

Notification: **April 15, 2013**. Camera-ready copy due: **May 14, 2013**.

## PROGRAM COMMITTEE:

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## CONFERENCE ORGANIZATION:

**Conference Chair:** Guy Blelloch (CMU)

**Local Arrangements:** Lata Narayanan (Concordia U.)

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