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 Peter Sanders at sanders@kit.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 22, 2014, 11:59 p.m. EST for the abstracts and January 25, 2014, 11:59 p.m. EST for the full papers.

Rebuttal period: March 12-16, 2014.


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