

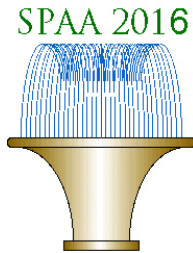
CALL FOR PAPERS

28th ACM Symposium on PARALLELISM IN ALGORITHMS AND ARCHITECTURES (SPAA)

Asilomar State Beach, California, USA

July 11–13, 2016

<http://spaa.acm.org>



Regular paper submission:	February 5, 2016 (23:59 HAST)
Brief announcement submission:	February 26, 2016 (23:59 HAST)
Rebuttal period:	March 22–25 April 4–7, 2016
Notification:	April 11 April 22, 2016



Submissions are sought in all areas of parallel algorithms and architectures, broadly construed, including both theoretical and experimental perspectives. Topics of interest include, but are not limited to:

- Parallel and Distributed Algorithms
- Parallel and Distributed Data Structures
- Parallel Complexity Theory
- Scheduling in Parallel Systems
- Specification and Verification of Concurrent Systems
- Mobile, Ad-Hoc, Wireless and Sensor Networks
- Fault-tolerance and Reliability
- Self-stabilization and Self-organization
- Security and Privacy in Distributed and Parallel Systems
- Parallel/Distributed Computational Learning
- Game Theory and Collaborative Learning
- Parallel/Distributed issues in Big Data
- Resource Management and Awareness
- Parallel and Distributed Architectures
- Multiprocessor and Multicore Architectures
- Transactional Memory Hardware and Software
- Instruction Level Parallelism and VLSI
- Compilers and Tools for Concurrent Programming
- Algorithms for GPUs and Other Alternative Parallel Architectures
- High-Performance Parallel Computing and Architectures
- Green & Power-Efficient Algorithms and Architectures
- Algorithms for Social Networks
- Biological Distributed Algorithms
- Network Algorithms
- Algorithms for Routing and Information Dissemination
- Peer-to-Peer Systems

Regular papers: Regular papers should report on original research, submitted exclusively to this conference. Submissions may not exceed ten (10) single-spaced double-column pages. (Papers will be judged based on their quality and not their length—short papers are welcome.) The title page, bibliography and designated *figure pages* (containing only figures) are not counted toward the ten pages. (Illustrative figures are encouraged.) All necessary details to substantiate the main claims of the paper should be included in a clearly marked appendix. Regular papers will be allotted up to 10 pages in the proceedings.

Brief announcements: SPAA also solicits brief announcements that raise issues of interest to the SPAA community. Brief announcements may not exceed two pages. Examples of good brief announcements include: (i) papers previously published elsewhere of interest to SPAA, (ii) work in progress, (iii) announcement of tools/libraries, (iv) challenge problems posed to the community, (v) corrections to earlier results. Brief announcements may also include smaller results of interest.

Authors may request that a regular paper be considered as a brief announcement. As far as possible, the program committee will remain blind to this request until status as a regular paper has been resolved. Such a request will not affect the chances of the manuscript to be accepted as a regular paper.

Submission details: Papers should be submitted in standard ACM format, i.e., 9-point font on 8.5x11 inch pages. For detailed submission instructions and formatting, please see <http://spaa.acm.org>.

Awards: Every regular paper is eligible for the **best paper award**.

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