SPAA 2008
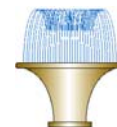
20th ACM Symposium on Parallelism in Algorithms and Architectures
Munich, Germany | June 14 - 16, 2008

Program Chair
Nir Shavit

Program Committee
Susanne Albers
Faith Ellen
Rolf Fagerberg
Panagiota Fatourou
Alexandra Fedorova
Pascal Felber
Christof Fetzer
Danny Hendler
Jim Larus
Emmanuelle Lebhar
Keith Lowery
Michael Mitzenmacher
Andrea Pietracaprina
Rajmohan Rajaraman
Ravi Rajwar
Larry Rudolph
Vivek Sarkar
Assaf Schuster

SPAA General Chair
Friedhelm Meyer auf der Heide

SPAA Secretary
Christian Scheideler

SPAA Treasurer
Rajmohan Rajaraman

SPAA Publicity Chair
Andrea W. Richa

Special Track Chair
Jim Larus

This year we will celebrate 20 years of SPAA with a series of invited talks, a special track on multicore systems, and a poster session. Contributed papers are sought in *all* areas of parallel algorithms and architectures. SPAA defines the term "parallel" broadly, encompassing any computational system that can perform multiple operations or tasks simultaneously. Topics include, but are not limited to:

- Parallel and Distributed Algorithms & Applications
- 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
- Parallel and Distributed Data Structures
- 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

Submission deadlines: **January 22nd, 2008**, 12pm EST for regular papers and **February 1st, 2008**, 12pm EST for brief announcements and posters. Notification: **March 22nd, 2008**. Camera-ready copy due: **April 10th, 2008**.

Authors of contributed papers are encouraged to submit their manuscript electronically. More information can be found at:

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