

International Workshop on Parallel Symbolic Computation PASCO 2010

<http://pasco2010.imag.fr>

July 21st - July 23rd, 2010
Grenoble, France

Topics

- Design and analysis of parallel algorithms for computer algebra
- Practical parallel implementation of symbolic or symbolic-numeric algorithms
- High-performance software tools and libraries for computer algebra
- Applications of high-performance computer algebra
- Distributed data-structures for computer algebra
- Hardware acceleration technologies (multi-cores, GPUs, FPGAs) applied to computer algebra
- Cache complexity and cache-oblivious algorithms for computer algebra
- Compile-time and run-time techniques for automating optimization and platform adaptation of computer algebra algorithms

Important Dates

Paper submission deadline: **April 2, 2010**
Notification of acceptance: **May 10, 2010**
Camera-ready version: **May 28, 2010**
Tutorials and Workshop: **July 21-23, 2010**



Program Committee

- Daniel Augot
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- Olivier Beaumont
- Bruce Char
- Gene Cooperman
- Gabriel Dos-Reis
- Jean-Christophe Dubacq
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