

# Call for Workshops and Tutorials

## 13<sup>th</sup> ACM [SIGPLAN](#) Symposium on Principles and Practice of Parallel Programming (PPoPP 2008)

The ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming (PPoPP) 2008 is seeking proposals for workshops and tutorials to accompany the conference. Workshops and tutorials will be held on Saturday, February 23, 2008 and may be a half day or a full day in length.

The deadline for workshop and tutorial proposals is October 10, 2007. Please send all proposals to the workshops and tutorials chair, David Lowenthal ([dkl@cs.uga.edu](mailto:dkl@cs.uga.edu)). Please start the subject line with [PPoPP 2008](#).

PPoPP is a forum for leading work on all aspects of parallel programming, including foundational results, techniques, tools, and practical experience. In the context of the symposium, "parallel programming" is construed to encompass work on concurrent, multithreaded, multicore, multiprocessor, and tightly-clustered systems, but typically not wide-area distribution. Given the rise of multicore processors, PPoPP is particularly interested in work that seeks to transition parallel programming into the computing mainstream.

Specific topics of interest include (but are not limited to):

- Parallel programming theory and models
- Formal analysis and verification
- Middleware for parallel systems
- Parallel programming languages
- Compilers and runtime systems
- Automatic parallelization
- Parallel libraries or application frameworks
- Performance analysis, debugging and optimization
- Development, analysis, or management tools
- Parallel algorithms
- Parallel applications
- Concurrent data structures
- Synchronization and concurrency control
- Software engineering for parallel programs
- Fault tolerance for parallel systems
- Software issues for multicore and multithreaded processors

We encourage members of the community to consider submitting proposals for workshops that bring together researchers and practitioners working on research topics of significant current interest, as well as workshops that bring together researchers and practitioners working in particular areas.

### **Workshop proposals should include:**

- The workshop title
- The organizers and their affiliations
- A description of the workshop and/or a proposed call for participation or papers
- The proposed length of the workshop (half day or full day; if half day, planned length in hours)
- If the workshop was previously held, the number of attendees at the last workshop and the number of presentations or papers given at the workshop.

### **Tutorial proposals should include:**

- The tutorial title
- Organizers, presenters, and their affiliations
- A description of the tutorial
- The proposed length of the tutorial (half day or full day; if half day, planned length in hours)
- If the tutorial has been given previously, the location, date, and number of attendees at the last tutorial.