CALL FOR PAPERS

The International Symposium on Code Generation and Optimization (CGO) provides a premier venue to bring together researchers and practitioners working on feedback-directed optimization and back-end compilation techniques. The conference covers static, dynamic, adaptive or continuous optimization. Original research contributions are solicited in areas including but not limited to the following:

- Compilers, back-end code generators, translators, and binary optimization tools
- Profiling and feedback-directed methodologies
- Intermediate representations to support optimization
- Thread extraction and thread-level speculation
- Techniques for optimizing for parallelism, especially for multi-core systems
- Power and energy efficiency optimizations
- Optimization techniques for security and reliability
- Optimizations for transactional memory
- Memory management, including data distribution and synchronization
- Program characterization and phase analysis techniques
- Interaction of optimizations with modern hardware
- Architectural and system support for optimizations
- Experiences with real compilation and optimization systems, particularly with large, complex applications

IMPORTANT DATES:
- Abstract deadline is September 7, 2007.
- Submission deadline is September 14, 2007. There will be NO EXTENSIONS.

Please visit the conference website for paper format guidelines and submission instructions. Notification of acceptance will occur by November 9, 2007.

Contact Chandra Krintz (ckrintz@cs.ucsb.edu) to submit your workshop or tutorial for collocation! Deadline: Nov. 16, 2007.

http://www.cgo.org