CALL FOR PAPERS

Second Annual IEEE/ACM INTERNATIONAL SYMPOSIUM ON CODE GENERATION and OPTIMIZATION
with special emphasis on feedback-directed and runtime optimization

March 20-24, 2004 – San Jose, California

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 spans the spectrum from purely static to fully dynamic techniques. CGO addresses code optimization and the interaction of optimization with modern hardware. It is of special interest to those focused on system performance and other benefits visible to system users. Papers are solicited in:

- Feedback-directed optimization
- Dynamic compilation, adaptive execution, and continuous profiling/optimization
- Efficient profiling techniques
- Back-end code generation
- Binary translation
-Compilation for embedded systems and emerging application areas
- Incorporation of compilation techniques in hardware
- New and innovative analyses, transformations, and intermediate representations applied to dynamic and feedback-directed optimization
- Experiences with real dynamic optimization and compilation systems
- Architectural and system support for dynamic and feedback-directed optimization
- Trade-offs of when (static/dynamic) and where (software/hardware) to optimize

SUBMISSION DEADLINE: Sept. 15, 2003 at 7pm EDT. There is an automatic, one week extension. There will be no other extensions. Submit one electronic copy of your 5000-word paper in PDF format. Please visit the website for paper format guidelines and submission instructions. Notification of acceptance will occur by mid-November 2003.

Tutorial/Workshops: We are also actively seeking proposals for workshops and tutorials to be held in conjunction with CGO 2004. Of particular interest are proposals that place an emphasis on code generation, dynamic optimizations, and interactions across system components: compilers, architecture, OS, runtime system.

http://www.cgo.org