# CALL FOR PAPERS

## WWC-6

## The Sixth Annual IEEE International Workshop on Workload Characterization

*Sponsored by IEEE Computer Society and*
*the Technical Committee on Computer Architecture*

**October 27, 2003**
**Austin, Texas**

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### Important Dates:

Paper Submission: **August 1, 2003**
* Automatic extension to August 8, 2003
Acceptance Notified: **September 17, 2003**
Final Manuscript Submission: **September 24, 2003**

New computer applications and programming paradigms are constantly emerging to complement new and improving technology. It is essential to understand the characteristics of today's emerging workloads in order to design efficient architectures for them. This one-day workshop, sponsored by IEEE and the Technical Committee on Computer Architecture, will focus on characterizing and understanding modern computer applications commercial and scientific computing.
Papers are solicited in all areas related to characterization of workloads (system and / or application behavior) in a variety of computing environments. Topics of interest include (but not limited to):

- Workload characterization or related studies focusing on the following types of applications:
  - E-commerce
  - Web server
  - Database
  - Embedded
  - Mobile
  - Multimedia
  - Java
  - Network computing
  - Multiprocessor
  - Scientific
  - Operating system intensive
  - Multi-threaded
- Effects of architectural features on workload behavior
- Machine independent characterization of workloads
- Memory and I/O access patterns
- Benchmark creation and validation
- Representative trace generation
- Profiling, trace collection and validation issues
- Workload synthesis
- Abstract modeling of program behavior

**For more information, visit the WWC web site at:**
*http://www.ece.utexas.edu/~ljohn/wwc/*