CALL FOR PAPERS

The 25th Annual International Symposium on COMPUTER ARCHITECTURE

ISCA '98

Barcelona, Spain
June 29-July 1, 1998

Sponsored by **IEEE TCCA** and **ACM SIGARCH**
In cooperation with UPC (Universitat Politecnica de Catalunya)

Important Dates:

Submission: NOV 17 **Acceptance: FEB 9** **Final version: MAR 16**

This is the *25th anniversary* of the International Symposium on Computer Architecture, the premier venue for presenting research in computer architecture. Papers are being solicited on all aspects of computer architecture, including (but not limited to) the following:

- Memory systems
- I/O systems and architecture
- Impact of technology on architecture
- Performance evaluation and measurement
- Novel architectures and computing techniques
- Instruction-level parallel processors
- Multiprocessors, multicomputers, and distributed architectures
- Architectural implications of application characteristics
- Language and operating systems support
- Application-specific architectures
- Massively parallel architectures
- Non-numeric architectures

The **DEADLINE** for submissions is 9AM CST (US) or 1500 GMT on **NOVEMBER 17, 1997.** Authors will be granted an automatic extension of up to one week (168 hours) without making a special request; no further extensions will be granted.

Please submit one electronic copy of your paper (in postscript format), approximately 6000 words, using the submission instructions provided on the ftp/WWW site listed at the end of this document. *In order to minimize problems with your electronic submissions please ensure your postscript file can be previewed by ghostview.* Contact the Program Chair if you need any help with the electronic submission procedure. **Excessively long papers will be reviewed at the discretion of the Program Chair and/or the reviewers.**

Papers will be reviewed blind, and will be judged on their scientific merit and anticipated interest to conference attendees. Papers dealing with promising novel ideas that may not have reached the same level of maturity as papers dealing with more well-established concepts are especially encouraged. For purposes of review, it is understood that such papers are likely to contain less quantitative evaluations and comparisons than papers dealing with more well-established concepts. Notification of acceptance will occur by **FEBRUARY 9, 1998** and the camera ready copy of the accepted papers will be due on **MARCH 16, 1998.**

A series of tutorials and workshops will be held immediately preceding and/or following the symposium. Tutorial and workshop proposals will be accepted until **JANUARY 5, 1998.** If you wish to organize a tutorial (1/2 or full day), please send to the Tutorials Chair an electronic version of a detailed proposal, including tutorial title, outline, brief description of topics to be covered, intended audience, assumed attendee background, and the name(s), affiliation(s), and resume(s) of the speaker(s). If you wish to organize a workshop (one or two days), please send to the Workshops Chair an electronic version of a detailed proposal, including workshop title, overview, intended audience, projected attendance, duration, list of invited participants, and name(s) and affiliation(s) of the organizer(s).

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See Web site for information.

This and other conference information is available via anonymous ftp from **ftp.cs.wisc.edu:/ISCA98**, *and on the World Wide Web at the mirrored Web sites:* **http://www.cs.wisc.edu/˜isca98, http://www.ac.upc.es/ISCA98/, http://shay.ecn.purdue.edu/˜isca98.**