Call for Papers

Seventh International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS-VII) Cambridge, MA, 2-4 October 1996

Rapid advances in hardware technology, compilers, operating systems, and computer architecture provide a rich environment for design alternatives. Like its predecessors, the seventh ASPLOS conference focuses on the interaction of these technologies.

Full papers are solicited on, but not limited to, these topics:

- Interaction of operating systems with architectures
- Interaction of compilers and programming languages with architectures
- Novel approaches to processor, memory and I/O architectures
- Performance evaluation of experimental and novel systems
- Comparative (especially quantitative) analysis of architectural and organizational design choices
- Effect of future hardware and software technologies on architectures, operating systems or compilers.

Authors should send nine double-sided copies of the submitted papers to the program chair at the address below by **March 5, 1996**. Papers must not exceed **5000 words**, which is approximately **10 pages** typeset 10-point on 16-point spacing. Excessively long papers will be rejected outright by the program chair. Authors will be notified of paper acceptance or rejection by **June 5, 1996**. Accepted papers should be printed on special ACM forms and received by the program chair by **July 19, 1996**.

Because the identity of the authors will not be revealed to the referees, authors' names, affiliations, email and postal addresses, and telephone numbers should appear only on a cover sheet together with the paper's title. Authors should also avoid citations that make their identities obvious.

Submitted papers must not be simultaneously under review for any other conference or journal, and authors should point out any substantial overlap with their previously published work. Since ASPLOS is a multi-disciplinary conference, papers should contain enough background material to make them accessible to all three communities and should make very clear the architectural tie to either operating systems or compilers and programming languages.

Submissions will be read by the program committee and designated reviewers and judged on scientific merit, readability, innovation and relevance. It is recognized that papers in new areas are likely to contain less complete quantitative evaluations than those in more established areas. Accepted papers will be published in the Proceedings, which will be distributed at the conference and published as an issue of the ACM SIGARCH, SIGOPS and SIGPLAN newsletters.

Tutorials and workshops will precede the conference on October 1. If you are interested in teaching a tutorial or leading a workshop, please send proposals to the tutorials/workshops chair at the address below.

All publicity materials for the conference, including a copy of this call for papers, an announcement of tutorial topics and workshops, an advanced program and registration information, will be made available on the World Wide Web at http://cag-www.lcs.mit.edu/asplos7.

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