Call for Papers

Second International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS-II)

Rickey's Hyatt House
Palo Alto, California, October 5-8, 1987

Sponsored by ACM and the Computer Society of the IEEE

This is a reprise of the highly successful symposium held in 1982. Many of the ideas discussed at that time are now reaching the marketplace. This time, we intend to focus on experimental analyses of architectures and performance evaluations of prototype systems, including application-specific designs. The time is ripe to review progress and identify future directions.

Full papers (approximately 5000 words) are solicited in:

- Language and OS-Influenced Processor Designs
- Architecture-Influenced Compiler and OS Design
- Experimental Analysis of Instruction Set and Other Architectural Design Choices
- Performance Evaluation of Prototype and Newly Available Commercial Systems

We also solicit short (1000 word) high quality technical abstracts on innovative commercial and prototype systems that address topics of relevance to this conference. Full presentations will be expected.

Five copies of submitted papers should be sent to the program chairman at the address below, and will be accepted for evaluation until February 1, 1987. Submissions will be read by members and designated reviewers of the program committee:

Randy Katz U. C. Berkeley (chairman)
Forest Baskett Silicon Graphics
David Ditzel AT&T Bell Laboratories
James Goodman University of Wisconsin
John Hennessy Stanford University
Edward McCreight Xerox PARC
Steven Muchnick Sun Microsystems
Richard Sites DEC Hudson
Alan Smith U. C. Berkeley
Chuck Thacker DEC Systems Res. Center
Philip Treleaven University College London
Mario Tokoro Keio University

Authors will be notified of acceptance or rejection by May 15, 1987. Accepted papers must be typed on special forms and received by the program chairman by July 1, 1987.

A number of special activities are planned in conjunction with the conference, including tutorials, invited papers, and a special journal issue. The best submitted papers will be considered for publication in this issue.

Program Chairman
Randy H. Katz
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