



INVITED SPEAKERS

VLSI SESSION

Tuesday, February 15, 10:00-12:15
Governor's Square, Howard Johnson's

Keynote Address

H.T. Kung, Carnegie Mellon University
VLSI, Computer Science and Synergetic Research

TECHNICAL PAPERS

Gregory Pfister, IBM Yorktown Heights Research Center
Special Purpose Hardware, Parallel Processing, DA Algorithms

John Ousterhout, University of California at Berkeley
VLSI Tools and Architecture

PROGRAMMING ENVIRONMENT SESSION

Wednesday, February 16, 9:30-12:00
Governor's Square, Howard Johnson's

Keynote Address

John R. Mashey, Bell Laboratories
Perspectives on Programming Environments

TECHNICAL PAPERS

Adele J. Goldberg, Xerox PARC
*The Influence of an Object Oriented Language
on the Programming Environment*

Richard Thall, Softech, Inc.
*Large Scale Software Development with the
ADA Language System*

FUNDING FOR EXPERIMENTAL COMPUTER SCIENCE

Thursday, February 17, 10:45-12:00
Sun and Surf, Sheraton

MODERATOR

Robert Ritchie, University of Washington

SPEAKERS

Richard Adrion, National Science Foundation
Larry Druffel, Department of Defense
Samuel Matsa, IBM Corporation

FUNDING FOR EXPERIMENTAL COMPUTER SCIENCE

RICHARD ADRIAN, NATIONAL SCIENCE FOUNDATION

LARRY DRUFFEL, DEPARTMENT OF DEFENSE

SAMUEL MATSA, IBM CORPORATION

ROBERT RITCHIE, UNIVERSITY OF WASHINGTON

ABSTRACT

For almost a decade funding in experimental computer science has faced a problem similar to the weather -- everyone talked about it but no one did anything about it. Fortunately, there are now some signs of relief. Many industrial and government agencies are trying to find effective ways to provide environments in which experimental computer science can thrive in academia.

This session brings together two leaders from government, one from industry and one from academia. Each is uniquely qualified to address the issue of funding for experimental computer science. Dr. Adrian heads the National Science Foundation's funding efforts in this area. Dr. Druffel heads the Department of Defense's newly created Software Technology Initiative. Dr. Matsa is a leader in IBM's effort to support extramural research. And, finally, Dr. Ritchie heads the University of Washington's Computer Science Department, which was the recipient of NSF's first experimental computer science award.