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JOSH FISHER WINS ECKERT-MAUCHLY AWARD

By Tom R. Halfhill {6/9/03-03}

Joseph "Josh" Fisher, a Hewlett-Packard senior fellow, will receive the prestigious Eckert-Mauchly Award this week at the International Symposium on Computer Architecture in San Diego, California. Fisher is winning the award for his pioneering work on VLIW

microprocessor architectures. In 1984, Fisher cofounded Multiflow, where he helped design one of the first VLIW computers. (See *MPR 2/14/94-05*, "VLIW: The Wave of the Future?") Although Multiflow and both its closest competitors—Culler and Cydrome—ultimately went out of business, their seminal technology continues to influence the design of VLIW architectures. In 1990, Fisher joined HP to work on the PA-WW (Precision Architecture Wide-Word) project, which also used VLIW technology. In the mid-1990s, that project evolved into the Intel IA-64 architecture, jointly developed by Intel and HP. One of Fisher's colleagues at HP Labs was the late Bob Rau, formerly

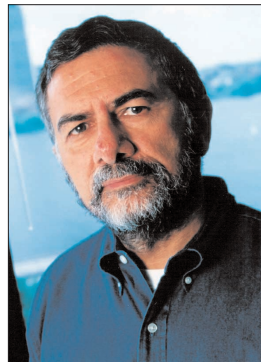


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of Cydrome, who won the Eckert-Mauchly Award last year. (See *MPR 12/30/02-04*, "VLIW Pioneer Bob Rau Dies.")

Fisher earned his B.A. in mathematics at New York University and his M.S. and Ph.D. in computer science at New York University's Courant Institute. In 1984 he won the National Science Foundation's President's Young Investigator Award, and in 1987 he won the Eli Whitney Connecticut Entrepreneur of the Year Award. The Association for Computing Machinery (ACM) and the IEEE Computer Society will

present the Eckert-Mauchly Award and \$5,000 prize to Fisher on June 10. ♦

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