
The Twentieth Annual Asilomar Microcomputer Workshop

April 20 -- 22, 1994

Wednesday, April 20

1:30 -- 1:45pm Opening Remarks -- John Wharton, Applications Research, General Chair

1:45 -- 3:15pm Retrospective: The First Twenty Years -- Fred Clegg, Cirrus Aviation, Chair

- The Birth of an Industry -- Stan Mazor, Synopsys
- Computer Gamesmanship -- Alan Alcorn, Silicon Gaming
- The Wonder Years -- Ted Laliotis, Hewlett-Packard Labs
- Microprocessor Software: They've Been Doing It Wrong All These Years! -- Matt Biewer, Consultant
- Capabilities and Other Virtual Mistakes -- Bernard Peuto, Concord Consulting

3:45 -- 4:45pm Protospective: Toward the Year 2000 -- John Wharton, Applications Research

- Programmable Architectures, the LightBus, and Geoprocessors -- Vic Kley, Giga Operations Corp.
- Isotopes "R" Us: Manufacturing Artificial Transplutonic Elements -- Robert G. Kennedy III, The ULTIMAX Group, Inc.

7:30 -- 10:30pm Athematic Short Talks -- Robert Wedig, Wedig Consulting, Chair

- Stalking Artificial Life -- Rudy Rucker, San Jose State University
- Beyond MIDI -- Nick Nichols, Probitas Corporation
- Pentium Processor Performance Monitoring -- Bruce Ableidinger, Microtek International
- How Processing Speed Can Improve the User Interface -- Ron Avitzur, Consultant
- PowerPC: Behind the Scenes -- John Sell, The 3DO Company

- Marketing a Nonexistent Product -- Mark Heyer, HeyerTech, Inc.
- Improving User Training with Multimedia -- Wendy Peikes, Gain Technology
- Computer-Assisted Government Access -- Jim Warren, MicroTimes & BoardWatch
- Crashing the Cube -- John Wharton, Applications Research

Thursday, April 21

8:30 -- 10:00am Reconfigurable Logic -- Nick Tredennick, Altera Corp., Chair

- Programmable Logic: The Next Microarchitecture -- Nick Tredennick, Altera Corp.
- Reconfigurable Processors -- Craig Warner, Ceram Inc.
- How Document Understanding Will Affect System Useability -- Chuck Stormon, Coherent Research, Inc.

10:30 -- 12:00n PowerPC or Bust! -- Michael Slater, MicroDesign Resources, Chair

- Does PowerPC Matter? -- Michael Slater, MicroDesign Resources
- PowerPC Futures -- Keith Diefendorff, Motorola
- Moving the Mac OS to PowerPC -- Philip Koch, Apple Computer
- Has the Emperor Any Clothes? And Is His Underwear Clean? -- Pete Wilson, Kiva Design

1:30 -- 3:00pm Rocket Science -- Bruce Koball, Motion West, Chair

- Spooks in Space: Commercial Remote Sensing -- Robert G. Kennedy III, House Subcommittee on Space
- MPEG In Your Face: Direct Satellite Video Broadcasting -- Robert Sloan, Compression Labs
- Rolling Your Own Rockets -- Gary Hudson, Hudson Engineering

3:30 -- 4:45pm Sound and Fury -- Brian Berg, Berg Software Design, Chair

- Scalable Audio Compression and the Speed-of-Sound CD-ROM -- John Stautner, Aware, Inc.
- The Design and Development of a Cost-Effective Real-Time Object-Oriented Distributed-Processor Control System for Model Trains -- Ron Milner and Robert Johnson, Applied Design Laboratories; Bruce Koball, Motion West; and Neil Young, Liontech

7:00 -- 7:30pm RATs From the Past -- Mary Eisenhart, MicroTimes, Chair

- Stan Mazor: Random Logic Replacement
- Nick Tredennick: Causes Of Midlife Identity Crisis
- Pete Wilson: Requiem for a Workstation

7:30 -- 11:00pm+ Open Discussion: A Rich Asilomar Tradition -- Mary Eisenhart, MicroTimes, TimeMaster (Contact Mary after registration to request a 10-minute time slot to speak on any subject you wish. Slot assignments will be first-come-first-served.)

Friday, April 22

7:30 -- 9:00am Self-Guided Beachwalk
[Attendance optional]

9:30 -- 11:30am Information Infrastructure -- Dewayne Hendricks, Tetherless Access Ltd., Chair

- Data Comm, Then and Now -- Sam Wood, Modern Systems Research
- High-Speed Network Update -- David Newman, Alantec
- Bay Area ATM Gigabit Testbeds -- Mark Laubach, Hewlett-Packard Labs
- LEO Satellites and the Information Infrastructure -- Rex Buddenberg, Naval Postgraduate School
- Implications of Cryptography -- Tim May, Cryptologic

11:30 -- 11:45am Conference Wrap-Up and Closing Remarks

12:00 -- 1:30pm Outdoor Barbeque Lunch (weather permitting...)

1:30 -- 3:00pm Open Group Discussion (topics and format to be determined)

Program Committee:

Brian Berg -- Marc Kaufman -- Michael Slater
 Brian Case -- Bruce Koball -- Fred Terman
 Chuck Clanton -- Cary Kornfeld -- Nick Tredennick

Fred Clegg -- Ted Laliotis -- John Wakerly
Mary Eisenhart -- Stan Mazor -- Jim Warren
Dewayne Hendricks -- Marianne Mueller -- Bob Wedig
Ted Kaehler -- Ken Shoemaker -- John Wharton
