
The Eighteenth Annual Asilomar Microcomputer Workshop

April 22 -- 24, 1992

Wednesday, April 22

1:30 -- 1:40pm Opening Remarks, John Wharton, Applications Research -- General Chair

1:40 -- 3:00pm Wireless Networking Technology, Brian Berg, Berg Software Design -- Chair

- Alan Frank, M&T Publishing: Working Without Wires
- Robert Stillman, Theseus Technologies: RF-Based Modems and WANs
- Dewayne Hendricks, Tetherless Access, Ltd.: Recent Developments in Wireless Metropolitan-Area Networks (MANs)

3:30 -- 5:00pm Network Applications and Online Services, Jim Warren, Autodesk/MicroTimes -- ChairC

- Marc Stiegler, Xanadu-AMIX: Implementing Online Marketplaces for Information and Consulting
- Dave Farber, University of Pennsylvania: The Dirt Road to the Gigabit Highway
- Erik Fair, Apple computer: What Happens After We All Connect Up?

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

- Lowell Noble, SOCS Research, Inc.: Can Enhanced NTSC (QDTV) Rival HDTV?: Cost vs. Quality
- Bill Elswick, Ediflex Systems: Silicon Behind the Silver Screen: A Computer Audio Editing System
- Allan Alcorn, Digital F/X: Desktop Video Authoring Tools
- Vic Kley, Stylus: A Vision of Second-Generation Pen Computing
- Paul Monus, British Petroleum Chemicals: Life-or-Death Applications
- George Rikker, iN Machines: Microkernals: The Next Wave of Operating System Architectures
- Mark Heyer, HeyerTech: Long-Term Memory and the Potential for Sentient Machines
- Larry Press, CSUDH: Computer Communications During the Soviet Coup
- Kim Rubin, GreenSpring Computers: Using Technology to Locate Urban Gunfire

Thursday, April 23

8:30 -- 10:00am Future Technology: Leading Edge and Beyond, Bruce Koball, Motion West -- Chair

- Julian Uschersohn, Hitachi MicroSystems Inc.: Fuzzy Logic Tutorial
- John Gilmore, Cygnus Support: Cryptography Update and Anonymous Cash
- Eric Drexler, Foresight Institute: Molecular Manufacturing and Computation

10:30 -- 12:00n New Microprocessor Architectures, Michael Slater, Microprocessor Report -- Chair

- Dennis Allison, HaL Computer Systems, Inc.: A High-Performance Implementation of SPARC
- John Sell, Apple Computer: PowerPC Architecture Rationale
- Mike Uhler, Digital Equipment Corporation: DEC Alpha: Why a New RISC?

Panel Discussion: Does Microcomputer Architecture Really Matter? Michael Slater, Microprocessor Report -- Moderator. Panelists will include the above speakers, to be joined by:

- Keith Diefendorff, Motorola
- Ken Shoemaker, Intel Corporation

1:30 -- 3:00pm Multimedia Tools and Applications, Brian Berg, Berg Software Design -- Chair

- Mark Gang, Starlight Networks: LAN-Based Digital Video
- Frank Schwartz, Forward Motion: Multimedia Glue: Bonding the Pieces with Extended Control
- Adriaan Ligtenberg, Storm Technology: Simplifying Color Publishing
- Janey Fritsche, TechnoTribe: Interactive Multimedia as a Force for Good

3:30 -- 5:00pm New User Interfaces, Chuck Clanton, Aratar -- Chair

- Cary Kornfeld, Princeton University: Stereo Television
- Emilie Young, EmVision: Story And User Interface Design
- Chuck Clanton, Aratar: Animated Environments

7:30 -- 11:00pm+ Open Discussion: A Rich Asilomar Tradition, Mary Eisenhart, MicroTimes -- Timemaster
(Contact Mary any time after registration for time slot assignment.)

Friday, April 24

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

9:30 -- 10:45am Competitiveness and Intellectual Property, Bruce Koball, Motion West -- Chair

- Walter Banks, Byte Craft Ltd.: A World Competitive Environment
- Chris Martiniak, Feldman, Waldman & Kline: When Does Innovation Become Invention?
- Dan Siegel, Weil, Gotshal, & Manges: Litigation Update
- Jerry Klein, The Chatham Group: The Dark Side of the Valley: Why the Intellectual Property Wars Must Be Fought

10:45 -- 11:30am Software Monopolies: Mob Debate

- Jim Warren, Autodesk/MicroTimes -- Moderator
- Susan Nycum, Baker & McKenzie -- Provocateur

11:30am Conference Wrap-Up and Closing Remarks

12:00 -- 1:30pm Outdoor Barbeque Lunch

1:30 -- 3:00pm Free-Form Reception/Group Discussion/Open Debate

Program Committee:

Brian Berg -- Marc Kaufman -- Fred Terman

Brian Case -- Bruce Koball -- Nick Tredennick
Chuck Clanton -- Ted Laliotis -- John Wakerly
Fred Clegg -- Stan Mazor -- Jim Warren
Fred Coury -- Ken Shoemaker -- Bob Wedig
Mary Eisenhart -- Michael Slater -- John Wharton
