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# The Twenty-Second Asilomar Microcomputer Workshop

April 17-19, 1996

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## Wednesday, April 17

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

1:45-2:45 pm Media Processors -- Cary Kornfeld, Kornfeld Design Labs, Chair

- The Mpack Media Processor -- Steve Purcell, Chromatic Research
- Multimedia: It's About I/O -- David S.H. Rosenthal, nVidia Corp.

3:15-5:00 pm Wireless Technologies in the Post-Telecom-Act-of-'96 Era -- Dewayne Hendricks, Warp Speed Imagineering, Chair

- Frequency Spectrum Allocation Issues -- Bennett Kobb, New Signals Press Inc.
- Terrestrial Communications Issues -- Mike Cheponis, California Wireless, Inc.
- Extraterrestrial Communications Issues -- Rick Voreck, Space Systems/Loral
- Technological End-Runs Around Hierarchies -- Dave Hughes, Old Colorado Communications

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

- Current Trends in Hard Disk Technology -- John Levy, Quantum Corp.
- Java from an Outsider's Perspective -- Mark Lentzner, Glyphic Technology
- The Barbarians Are At the Gateway: Will Literature Survive the Web? -- Eve Bennett-Wood, Modern Systems Research, Inc.
- The Web: I Believe the Hype -- Marianne Mueller, JavaSoft, Sun Microsystems, Inc.
- The Computer Museum History Center - I -- Len Shustek, Network General
- The Computer Museum History Center - II -- Gordon Bell, Microsoft
- "Telecom Pricing Is A Notorious Scam" -- David S.H. Rosenthal, Vitria Technologies
- Hacking the Corporation -- Steve McGeady, Intel Corp.

## Thursday, April 18

8:30-9:45 am Bullets Over Broadband -- Brian Berg, Berg Software Design, Chair

- Copper Access and ATM as Basic Components of Full Service Networks -- Kim Maxwell, Independent Editions
- Broadband to the Masses -- Ed Moura, Hybrid Networks

10:00-11:00 am Northwestern Exposure -- Bruce Koball, Motion West, Chair

- Some Thoughts on Telework -- Gordon Bell, Microsoft
- On Moving to Microsoft -- Jim Blinn, Microsoft

11:15-12:00 pm Gutless PCs and the Servers that Love Them -- Nick Nichols, Probitas, Moderator  
Panel Discussion and Open Debate

- John K. Chester, Consultant
- Steve McGeady, Intel Corporation

1:30-3:30 pm Java Technology and Security -- Marianne Mueller, JavaSoft, Sun Microsystems, Inc., Chair

- Overview & The Basis of Java Security -- Marianne Mueller, JavaSoft, Sun Microsystems, Inc.
- Why Java? -From a Techie Perspective -- Sami Shaio, YAJSU
- Why Java? -From a Business Perspective -- Ruth Hennigar, JavaSoft, Sun Microsystems, Inc.
- Programs Make Me Nervous -- Bill Cheswick, Bell Laboratories, Lucent Technologies
- Cost Analysis of Building the NC -- John Novitsky

4:00-5:00 pm To Infinity and Beyond! -- Bruce Koball, Motion West, Producer

- The Story Behind "Toy Story" -- Alvy Ray Smith, Microsoft

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

## Friday, April 19

7:30-8:30 am

Self-Guided Beachwalk (Attendance optional)

9:30-11:30 am The Future of uP Architecture -- Ken Shoemaker, Intel Corp., Moderator

- Part I: How I'd Spend 100M Transistors
  - Mitch Alsup, Ross Technology
  - Keith Diefendorff, AMD
  - Andy Glew, Intel
  - Bruce Lightner, Metaflow
  - Jack Mills, Intel
- Part II: Panel Discussion and Debate

11:30-11:45 am

Conference Wrap-Up and Closing Remarks

12:00-1:30 pm

Outdoor Barbecue Lunch and Discussion (weather permitting...)

### Program Committee:

Brian Berg -- Marc Kaufman -- Ken Shoemaker  
 Brian Case -- Bruce Koball -- Fred Terman  
 Fred Clegg -- Cary Kornfeld -- John Wakerly  
 Mary Eisenhart -- Ted Laliotis -- Jim Warren  
 Lorri Everhart -- Marianne Mueller -- Bob Wedig  
 Dewayne Hendricks -- A.J. (Nick) Nichols -- John Wharton