
The Twenty-Third Asilomar Microcomputer Workshop

April 16–18, 1997

Wednesday, April 16

- 1:30pm** **Opening Remarks** – John Wharton, *Applications Research*, General Chair
- 1:45pm** **Conquering Heroes?: Tales from the Front** – Nick Nichols, *Probitas Corporation*, Chair
- Object Lessons from Taligent
Jack Grimes, *Visa International*
 - Architecture of a Gaming Device
Al Alcorn, *Consultant*
 - Cheap Access to Space
Gary Hudson, *Hudson Engineering*
 - Architecture of a Forth-Based Internet Chip
Chuck Moore, *The iTV Corporation*
- 3:15pm** **Break**
- 3:45pm** **Future Display Technology** – Brian A. Berg, *Berg Software Design*, Chair
- Is Electronic Holography the Ultimate Display Technology?
Pierre St. Hilaire, *Interval Research*
 - 3D Stereoscopic Display Technology
Lowell Nobel, *QD Technology*
 - The NV Appliance
Ted Laliotis, *Laliotis & Associates*
- 5:00pm** **Reception and Dinner**
- 7:30pm** **Athematic Short Talks** – Bob Wedig, *Wedig Consulting*, Chair
- Computer Performance Democratization on Wall Street
Jonathan Sandberg, *Morgan Stanley*
 - Ultra Computing and Potential Applications
Martin Morf, *Stanford University*
 - Cable Modems: Facts and Fantasy
Mark Laubach, *Com21, Inc.*
 - Going the Last Mile – The Real Issues
Sam Wood, *Modern Systems Research, Inc.*
 - Breaking Out of the Sandbox
Ken Schwartz, *Consultant*
 - Analog Logic and Verbal System Design
Dave Wyland, *The Wyland Group*
 - Real Hypertext Publishing: What's the Web Missing and How Can We Fix It?
Chris Peterson, *The Foresight Institute*
 - Information, Propaganda, and the Web
Mark Hall, *ZD Labs*
 - Intelsat 708 Launch Failure
Rick Voreck, *Space Systems Loral*

Thursday, April 17

8:00am Electronic Commerce – Ted Laliotis, *Laliotis & Associates*, Chair

- Government Policy Issues and Internet Taxation
Ted Laliotis, *Laliotis & Associates*
- Payment Systems
Jack Grimes, *Visa International*
- Electronic Commerce Security Issues
Bill Cheswick, Bell Labs, *Lucent Technologies*

9:30am Break

10:00am WebPlayers and Internet Appliances – Marc Kaufman, *Adobe Systems*, Chair

- Facts and Myths About PC/TV Convergence
Michael Gold, *SRI Consulting*
- A Low-Cost Internet Access Device
Gary Langford, *The iTV Corporation*
- WebTV Capabilities and Future Directions
Tim Park, *WebTV*
- @Home Network Architecture: An Intelligent Perspective
Milo Medin, *@Home Network*

12:00n Lunch

1:30pm On-Line Communities – Brian A. Berg, *Berg Software Design*, Chair

- The First Noble Truth of CyberSpace: People are People Even in the MUD
Diane Schiano, *Interval Research*
- The Internet as a Populated Place
Pavel Curtis, *PlaceWare, Inc.*
- On-Line Group Communication Media and Markets
Orca Starbuck, *OnLive! Technologies*

3:00pm Break

3:30pm Java and Company (Presentations and Panel Discussion) – Marianne Mueller, *Sun Microsystems/JavaSoft*, Moderator

- Shipping Code on Shifting Sand: The PlaceWare Development War Story (So Far)
Pavel Curtis, *PlaceWare, Inc.*
- Roaming on the Net
Hong Bui, *Roampage*
- Experiences of Yet Another Java Startup
Sami Shaio, *Marimba*
- Inferno and Limbo
Rob Pike, *Bell Labs*

5:00pm Reception and Dinner

7:00pm Brushes with Greatness (Video Shorts) – Bruce Koball, *Motion West*, Stage Manager

7:30pm Open Discussion, A *Rich* Asilomar Tradition – Mary Eisenhart, *MicroTimes*, RAT Patrol
(Ten-minute presentations on any subject you choose. Contact Mary any time after registration to secure your time slot, first-come first-assigned.)

Friday, April 18

5:30am Pre-Dawn Comet Watch

(Attendance optional)

8:30am Internet Infrastructure – Bob Wedig, *Wedig Consulting*, Chair

- Interpreting Internet Measurements
John Quarterman, *MIDS*
- Behind the Scenes of Running an ISP
Matthew Kaufman and Qarin Van Brink, *Scruz-Net*
- Modem Support for ISP Access: Speed and Reliability
Joe Decuir, *Microsoft*

10:00am Break

10:30am Microprocessor Panel Debate: If **I**** Were Defining IA-64...** – "Joe Intel", Moderator

- Mitch Alsup, *Ross Technologies*
- Keith Diefendorff, *Apple Computer*
- Mike Johnson, *AMD*
- Bruce Lightner, *Metaflow*
- John Wharton, *Applications Research*

11:45am Conference Wrap-Up and Closing Remarks

12:00n Outdoor Barbecue Lunch (weather permitting)

1:15pm Self-Organizing Group Discussion

What Sealed Apple's Fate? Will Microprocessor Performance Hit the Wall?
Profiting from the Year 2000 Software Problem; Dealing with the Death of
Moore's Law; etc.

2:30pm Conference Adjourns

Program Committee

Brian Berg	Marc Kaufman	A.J. "Nick" Nichols
Brian Case	Bruce Koball	Ken Shoemaker
Chuck Clanton	Cary Kornfeld	Fred Terman
Fred Clegg	Ted Laliotis	Nick Tredennick
Mary Eisenhart	Stan Mazor	Bob Wedig
Dewayne Hendricks	Marianne Mueller	John Wharton

NetSource/Scruz-Net: The Official ISP of the Asilomar Microcomputer Workshop