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*

12:00am 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

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<th>Brian Berg</th>
<th>Marc Kaufman</th>
<th>A.J. &quot;Nick&quot; Nichols</th>
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<tr>
<td>Brian Case</td>
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NetSource/Scruz-Net: The Official ISP of the Asilomar Microcomputer Workshop