Wednesday, April 21 (12/30/99 R.A.T.*)

1:30pm: Opening Remarks — Brian Berg, Berg Software Design, General Chair
        John Wharton, Applications Research, Program Chair

1:45pm: Bio/Tech Frontiers — Bob Cousins, Cousins Consulting, Chair
        • Jane C. Sargent, M.D., University of Massachusetts Medical Center:
          What Biotech Will Do To and For Medicine (and Y2K, etc.)
        • Larry O’Gorman, Veridicom, Inc.: Can Biometrics Obsolete Passwords,
          PINs and Door Keys, but Not Personal Privacy, Too?

3:15pm: Absolute Power — Mark Laubach, Com21, Inc., Chair
        • Suzanne Johnson, Independent: Selling Sunshine to PG&E: A True Tale of
          Power and Innocence in Silicon Valley
        • Amory Lovins, Rocky Mountain Institute: Hypercars™: Vehicles Worthy of
          the Information Age
        • Phil Karn, QualComm: Power to the People

4:45pm: Reception and Dinner

7:00pm: Athematic Short Talks — Bob Wedig, Wedig Consulting, Chair
        [Listed alphabetically; final speaking order to be determined]
        • Tamara Munzner, Stanford University: Interactive Navigation of Large Networks
        • David Schwartz, ImaginOn, Inc.: E-Commerce Using CD-based High Bandwidth Video
        • Jack Grimes, Consultant: Chip Cards: The Ultimate Thin Client
        • David Rosenthal, Stanford University Libraries: The Long-Term Preservation
          of Digital Journals
        • Warren Stringer, Muse Dot Com: Building a Web of a Trillion Human Gestures
        • Mike Cheponis, California Wireless: Rockin’ Writers and Radio-Free Asilomar
        • Dave Hampton, Sounds Amazing!: Is Success the Worst that Can Happen?
        • John Wharton, Applications Research: Taming El Palo Gonzo: Son et Lumiere sans Son

10:45pm: Wednesday Night at the Movies
        • Eric Enderton, Industrial Light and Magic: Special-Effects Graphics Revisited
        • [Additional videotape shorts to be determined]

(* R.A.T. = Reformed Asilomar Time)
Thursday, April 22 (12/31/99 R.A.T.)

8:15am: Hardware Trends — Ken Shoemaker, Intel, Chair
• John Wharton, Applications Research: Microprocessor Philosophy Closes the Loop
• Earl Killian, Tensilica: How Extensible Processors Can Change System Design
• Ken Shoemaker, Intel Corp.: A Few More Bits About Merced

10:00am: Open Source: Revenge of the Gnurds — Christine Peterson, Foresight Institute, Chair
• Brian Behlendorf, Apache Group: An Overview of the Open Source Development Model
• L. Peter Deutsch, Aladdin Enterprises: Open Software Licensing Beyond the OSD: Incenting a Diverse Developer Community
• Mark S. Miller, E Project: E: A Secure Distributed Programming Language for Writing Capability-Based Smart Contracts
• Open Source Strategy Panel: John Walker will join Chris, Brian, Peter, and Mark to discuss and debate – with each other and the audience – the future of Open Source, Linux, MP3, etc.

12:00pm: Lunch

1:30pm: Cyberparanoia — Marianne Mueller, Sun Microsystems, Chair
• Matthew Kaufman, Tycho Networks: The Pentium III Serialization Hysteria
• Ian Goldberg, UC Berkeley: Using the Internet Pseudonymously
• Bill Cheswick, Lucent-Bell Labs: Enemy of the State: How Close Are We?

3:30pm: Toys “R” µS — Bruce R. Koball, Motion West, Chair
• Ron Milner, Applied Design Labs: The Toy Design Process: Are We at a Cusp?
• Dave Hampton, Sounds Amazing!: From Furball to Furby
• Allan Alcorn, Zowie Intertainment: Toymaking Challenges

5:00pm: Reception and Dinner

7:00pm: Off in the Ozone — John Wharton, Applications Research, Chair
• Gary Hudson, Rotary Rocket Company: Rotary Rocket Roton Progress Report

7:40pm: Open Discussion: A Rich Asilomar Tradition — Mary Eisenhart, YOYOW, RAT Patrol
(Ten-minute presentations on any subject you choose. Contact Mary Eisenhart any time after registration to secure your time slot, first-come first-assigned.)

12:00m: Virtual Y2K's Eve Party!!!
Friday, April 23  (1/1/00 R.A.T.)

8:30am: Consumer Networks — Bob Wedig, Wedig Consulting, Chair
• Sam Wood, Modern Systems Research, Inc.: IP Telephony: Paradigm Shift or Fad?
• Joe Decuir, Microsoft: A Home Networking Technologies Tour
• John McClain, Sun Microsystems, Inc.: The Jini™ Architecture: Changing the Rules of the Network

• Bill Cheswick
• Lee Felsenstein
• Stan Mazor
• Nick Tredennick
• John Walker

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

12:30pm: Outdoor Barbecue Lunch (weather permitting)

2:00pm: Conference Adjourns

Program Committee
Brian Berg            Bruce Koball            Fred Terman
Fred Clegg            Mark Laubach            Bob Wedig
Mary Eisenhart        Stan Mazor            John Wharton
Dewayne Hendricks     Marianne Mueller       Pierluigi Zappacosta
                      Ken Shoemaker