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# The Twenty-Fifth Asilomar Microcomputer Workshop

April 21–23, 01999

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## 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
- 10:30am: Technology Futures: The Next 25 Years — John Markoff, The New York Times, Moderator**
- 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**

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**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	

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