Wednesday, April 15

1:30pm  Opening Remarks – Marianne Mueller, General Chair
        John Wharton, Applications Research, Program Chair
        Fred Terman, Naval Postgraduate School, Arrangements Czar

1:45pm  Back to the Future! – John Wharton, Applications Research, Chair
        • Sea Cruise: A Galaxy 19 Launch-Mission Travelogue†
          Rick Voreck, Space Systems/Loral
        • The EvoGrid: Ratcheting Up Complexity Toward an Artificial Origin of Life Event
          Bruce Damer, Biot.org -and- Institute for Advanced Study
        • Where Else May Robot Cars Actually Take Us?
          Brad Templeton, Electronic Frontier Foundation

3:00pm  Break

3:30pm  Digital Cinema: The Long Road – Brian Berg, Berg Software Design, Chair
        • Digital Cinema: Who, What, and Why
          Bill Elswick, Entertainment Technology Associates, Inc.
        • Mastering and Distribution: From Film to Digital
          John Hurst, CineCert LLP
        • Digital Cinema: Content Security and 3D
          Pierre-Anthony Lemieux, Consultant
          Panel Q&A with Bill, John, and Pierre-Anthony

5:00pm  Reception and Dinner

7:30pm  Athematic Short Talks – Bob Wedig, Wedig Consulting, Inc., Time Keeper
        • Engineering a Bio-Robotic Knee Orthosis: Testing Patience and Testing Patients
          Bob Horst, Tibion Corporation
        • An Unclassified Look at the GiG and the Future of Government Networks
          Bill Cheswick, AT&T Labs-Research
        • Hooking Up the Farallons: Wireless is For the Birds!
          Tim Pozar, Late Night Software
        • Resurrecting an Ampex FR-900 Tape Drive to Retrieve Lost Lunar Imagery
          Dennis Wingo, Skycorp Incorporated
        • Jean Hoerni and the Planar Process
          Christophe Lecuyer, University of California
        • Lost in a (Computing) Cloud: The Joys of Flying Blind
          Joel Williams, emLinux
        • A Personal Epiphany on Green and Alternative Transportation Systems
          Dewayne Hendricks, Tetherless Access
        • Twill Wicked: Some Crazy Ideas for a New Kind of Car
          Chris Tacklind, Twill Tech Inc.
        • Star Trek: Boldly Going Where No Mac Had Gone Before
          Tom Rolander, CrossLoop, Incorporated

11:00pm  Happy Hour
# Thursday, April 16

**8:15am**  **System Generations: Microcomputers Past, Present, and Future** – Ken Shoemaker, *Intel Corporation*, Chair  
- What’s New in Microprocessors – As I See It  
  Ken Shoemaker, *Intel Corporation*  
- Apollo 11: The Computer Inside®  
  Dennis Wingo, *Skycorp Incorporated*  
- An Old Supercomputer Guy Looks at Modern Graphics Processors and Other Problems That Just Won’t Go Away  
  Andy Glew, *Intel Corporation*  
- Parimics’ Parallel Processing Chipset: 20 TeraOps and 1000 GFLOPS for Machine Vision Applications  
  Axel Kloth, *Parimics Inc. R&D*  

**10:00am**  **Break**

**10:30am**  **Inverting the Grid** – Dewayne Hendricks, *Tetherless Access, Inc.*, Chair  
- Augmenting the Smart Grid with Ad Hoc Sensors and Ambient Intelligence  
  Warren Stringer, *μSenti*  
- Power To Plug In: Making Consumer Power Sources as Easy to Install as an Electric Dryer  
  Kee Nethery, *Kagi*  
- The Rush to Clean Power: How Not to Produce Green Energy  
  David Newman, *Former CEO of a Green Energy Start-Up*

**12:00n**  **Lunch**

**1:30pm**  **Cybernetic Anthropology** – Mary Eisenhart, *Mary Eisenhart Editorial Services*, Chair  
- Magical Thinking in Consumer Relationships With Their Data  
  Cathy Marshall, *Microsoft Research*  
- Creating Markets and Capturing Network Value with P2P File Sharing  
  Andrew Orlowski, *The Register*  
- An Expanded Role for Test-Driven Development: The Eclipse Foundation “Swim” Experience  
  Ward Cunningham, *AboutUs.org*

**3:00pm**  **Break**

**3:30pm**  **Censorship and Surveillance on the Internet** – Marianne Mueller, Chair  
- Nation-State Routing: Censorship, Wiretapping and BGP  
  Josh Karlin, *University of New Mexico*  
- Concept Doppler: Global Internet Censorship, and What We Can Do About It  
  Jed Crandall, *University of New Mexico*  
- Interception, Traceback, and Jurisdictional Arbitrage in the Age of High-Availability Network Service Architectures  
  Bill Woodcock, *Packet Clearing House*

**5:00pm**  **Reception and Dinner**

**7:30pm**  **Open Discussion: A Rich Asilomar Tradition** – Mary Eisenhart, *Mary Eisenhart Editorial Services* & Craig Hughes, *Pro Se*, Tag-Team RAT Patrols; Bruce Koball, *Motion West*, Resident A/V Wizard  
( Ten-minute presentations on any subject you choose. Contact Mary Eisenhart as soon as practical after registration to secure your time slot. *First-come first-assigned!* )
Friday, April 17

5:30am  Pre-dawn comet search, satellite tracking, and UFO watch
        (Self-organizing; attendance optional.)

8:30am  Multiple Views and Alternative Ways of Seeing – Tamara Munzner, University of
        British Columbia, Chair
        • Biology is Destiny: Of Graphs and Genes
          Tamara Munzner, University of British Columbia
        • Mixed Reality and the Chocolate Factory
          Maribeth Back, FX Palo Alto Laboratory
        • Why One is Always The Wrong Number
          Jim Gettys, X.org

10:00am Break

10:30am WWED? (What Would Engelbart Do?) – Panel Discussion and Debate.
        Bill Cheswick, AT&T Labs-Research, Moderator
        Panel discussion, audience comments, and Q&A. Panelists to include:
        • Ward Cunningham, AboutUs.org
        • Jim Gettys, X.org
        • Kirk McKusick, Author and FreeBSD Committer
        • Andrew Orlowski, The Register

11:45am Closing Remarks – Marianne Mueller, General Chair

12:15pm Outdoor Barbecue Lunch (weather permitting)

1:45pm Workshop Adjourns

Program and Planning Committee

Michelle Aden  Craig Hughes  Tim Pozar
Brian A. Berg  David S.H. Rosenthal
Bill Cheswick  Bruce Koball  Ken Shoemaker
Fred Clegg  Stan Mazor  Fred Terman
Mary Eisenhart  Anne Mitchell  Bob Wedig
Janet Guns  Marianne Mueller  John Wharton
Dewayne Hendricks  Christine Peterson  Pierluigi Zappacosta

† The Sea Launch Commander and Odyssey launch platform are on-station at the equator this
week, preparing to launch a SICRAL 1B European communications and defense satellite.
If the launch countdown begins while the Workshop is in progress we will attempt to
patch a live video webcast into the AMW A/V system. Watch for further details.