Wednesday, June 18

3:00pm – 9:00pm  Workshop Registration  Meeting Foyer
4:00pm – 9:00pm  Poster room available for set-up  Salon II
Thursday, June 19

8:15 – 9:00  Continental Breakfast  Meeting Foyer

9:00 – 9:15  Welcome & Workshop Overview  Salon I
Susan Beck, University of Arizona
Meghan Miller, Central Washington University
Gary Pavlis, Indiana University
Paul Silver, Carnegie Institution of Washington
Rob van der Hilst, Utrecht University

9:15 – 10:00  State of the Consortia  Salon I
Geoffrey Blewitt, University of Nevada, Chair, UNAVCO Inc. Board
Goran Ekstrom, Harvard University, Chair, IRIS Board
William Prescott, UNAVCO, Inc., President
David Simpson, IRIS, President

10:00 – 10:50  Plenary Science Session I: “Plate Boundary Processes”  Salon I
Chair: William Holt, Gary Pavlis
“Plate Boundary Processes Along the Cascadia Convergent Margin: Recoverable and Permanent Deformation” – Meghan Miller, Central Washington University
“Rifting Issues in the Gulf of California” – Harold Magistrale, San Diego State University

10:50 – 11:10  Break

“Kinematics and Dynamics of the San Andreas Fault System”
– Brad Hager, Massachusetts Institute of Technology

“Tectonics of North America’s Highest Mountain Range: The St. Elias of southern Alaska”
– Terry Pavlis, University of New Orleans

“The Alaska-Aleutians Subduction System” – Geoff Abers, Boston University

12:30 – 2:00  Lunch  Lawn Area

2:00 – 6:00  Program Forums
2:00 – 2:50  • UNAVCO Project Support – B. Johns  Salon V&VI
• IRIS DMS – T. Ahern  Counties
3:00 – 3:50  • IRIS PASSCAL – J. Fowler  Salon V&VI
• UNAVCO Network Operations – M. Jackson  Counties
4:00 – 4:50  • UNAVCO Data – F. Boler  Salon V&VI
• IRIS E&O – J. Taber  Counties
5:00 – 5:50  • IRIS GSN – R. Butler  Salon V&VI
• UNAVCO E&O – C. Meertens  Counties

7:00 – 10:00  Dinner  Lawn Area
EarthScope Review and Celebration
Steve Hickman, Mike Jackson, David Simpson,
Bob Smith, Greg van der Vink, Jim Whitcomb
Friday, June 20

8:15 – 9:00  Continental Breakfast  
Meeting Foyer

Plenary Science Session II: “The Earthquake Problem”  
Chairs: Paul Silver, Sue Beck

“Direct Observation of the San Andreas Fault at Seismogenic Depth: The SAFOD Project”  
– Mark Zoback, Stanford University

– Jeffrey Freymueller, University of Alaska, Fairbanks

“Episodic Tremor and Slip (ETS) on the Cascadia Subduction Zone: The Chatter of Silent Slip”  
– Herb Dragert and Garry Rogers, Geological Survey of Canada

9:00

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10:15 – 10:30  Break

“Temporal Variations of Seismogram Similarities: a new approach to the time-varying stress field”  
– Fenglin Niu, Rice University and Paul Silver, Carnegie Institution of Washington

“Geodetic Evidence of Slow Faulting During the 2001 Mw=8.4 Peru Earthquake Sequence”  
– Timothy Melbourne, Central Washington University

“Seismology with a Dense Seismic Network”  
– Hiroo Kanamori, California Institute of Technology

10:30

10:30

10:30

12:00 – 1:30  Lunch  
Lawn Area

1:30 – 4:50  Working Groups

1:30 – 2:30

• “Resolving Vertical Deformation with GPS”  
  – Tom Herring, MIT

• “Software Infrastructure for Seismology”  
  – Colin Zelt, Rice University and Gary Pavlis, Indiana University

2:40 – 3:40

• “Stable North America Reference Frame”  
  – Geoff Blewitt, University of Nevada, Reno

• USAArray Data Products  
  – David James, Carnegie Institution

3:50 – 4:50

• EarthScope Data Management  
  – Tim Ahern, IRIS, Fran Boler, UNAVCO

• EarthScope Education and Outreach  
  – Chuck Meertens, UNAVCO, John Taber, IRIS, Michelle Hall-Wallace, University of Arizona

5:00 – 6:00  IRIS/SSA Distinguished Lecture Series, 2002/2003 Lecture

IRIS/SSA Distinguished Lecture Series, 2002/2003 Lecture  
Salon I

“The Discovery of the Earth: The Quest to Understand the Interior of Our Planet”  
– Walter Mooney, U.S. Geological Survey

6:00 – 7:30  Dinner w/ Jim Snyder, Historian, National Park Service  
Lawn Area

7:30 – 9:30  UNAVCO Members Meeting  
Salon V&VI

7:30 – 9:30  Poster Session  
Salon II

7:30 – 9:30  Poster Session  
Salon II
Saturday, June 21

8:15 – 9:00  Continental Breakfast  Meeting Foyer

9:00 – 12:00  Plenary Science Session III: “Sampling across the Frequency Spectrum: Techniques Integration”  Salon I
Chair: Meghan Miller

“Separating short-term (geodetic) and long-term (geodetic) effects in a subduction zone setting: some results from Costa Rica”
– Tim Dixon, University of Miami

“Comparing tidal, vertical GPS, and leveling records along the US Cascadia Margin”
– Ray Weldon, Reed Burgette, and Noah Fay, University of Oregon, Eugene, and Meghan Miller, Central Washington University

10:15 – 10:30  Break

“The Role of Aseismic Slip Along the San Andreas Fault System in Central California From GPS, InSAR and Seismology” – Roland Burgmann, University of California, Berkeley

“Using 1 Hz GPS Data to Measure Permanent and Seismic Deformations Caused by the Denali Fault Earthquake” – Kristine Larson, University of Colorado, Boulder, Paul Bodin, University of Memphis, Joan Gomberg, USGS, Memphis, Herb Dragert, Geological Survey of Canada, and Andria Bilich, University of Colorado, Boulder

“Tilt and broadband analysis of the February 1996 inflation episode of Kilauea, Hawaii”
– Sharon Kedar, Jet Propulsion Laboratory, California Institute of Technology

12:00 – 1:30  Lunch  Lawn Area
1:30 – 4:30  ad hoc Meetings

1:30 – 2:30
– “Getting the most out of SAFOD: down-hole and near-field science and instrumentation needs”
– Steve Hickman, William Ellsworth, USGS, Menlo Park

– “Sharing Software in Geophysics” – Mike Bevis, University of Hawaii Counties

2:30 – 3:30
– “Theoretical Imaging Techniques for EarthScope”
– Alan Levander, Rice University, Gary Pavlis, Indiana University

– “Optimal Siting of Geodetic Instrumentation”
– Paul Segall, Stanford University

– “SAC and Beyond SAC”
– Guust Nolet, Princeton University, Peter Goldstein, LLNL Salon I

3:30 – 4:30
– “Intraplate Earthquakes: What we know and don’t know”
– Sue Hough, USGS Pasadena, Paul Segall, Stanford

– “US Educational Seismology Network: Next Steps”
– Michael Hamburger, Indiana University

– “PBO Design Standards: Antennas and Monuments”
– Tom Herring, MIT, John Langbein, USGS Salon I

4:30 – 5:00  Field Trip Lectures  Salon V&VI

“Crustal production and loss in continental magmatic arcs: Evidence from the Sierra Nevada, California” – Mihai Ducea, University of Arizona, Jason Saleeby, Caltech

5:00 – 7:00  Dinner  Lawn Area