

2008 IRIS Workshop Agenda

WEDNESDAY, JUNE 4

EARTH STRUCTURE RESEARCH

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| 6:30 a.m. - | REGISTRATION | Conference Center Lobby |
| 7:00 a.m. - 8:00 a.m. | CONTINENTAL BREAKFAST | Cascade Locks Ballroom |
| 8:00 a.m. - 8:30 a.m. | WELCOME AND OVERVIEW OF IRIS David Simpson and Susan Beck | Stevenson A and B |
| 8:30 a.m. - 10:30 a.m. | PLENARY SESSION PUSHING THE LIMITS: INTEGRATION OF ACTIVE AND PASSIVE SEISMIC IMAGING; INTEGRATION OF SEISMOLOGY AND MINERAL PHYSICS Organizers: Suzan van der Lee and Francis Wu The Middle AsiaN Active Source (MANAS) Profile: Preliminary Results from an Integrated Seismic Transect in the Tien Shan of Kyrgyzstan and China James H. Knapp 3-D Structure of the SE Caribbean Plate Boundary: Integration of Active Source Seismic Data Receiver Functions and Surface Wave Tomography Meghan S. Miller Joint Interpretation of TAIGER Passive and Active Source Data for Imaging the Orogen Francis Wu Imaging Crustal Faults in Kanto, Japan, with MeSO-net and Active Source Data Naoshi Hirata Hydrogen in the Upper Mantle: Are Water-Rich Regions Red or Blue? Thomas Duffy | Stevenson A and B |
| 10:30 a.m. - 10:45 a.m. | BREAK | Conference Center Lobby |
| 10:45 a.m. - 12:15 p.m. | POSTER SESSION Pushing the Limits: Integration of Active and Passive Seismic Imaging; Integration of Seismology and Mineral Physics Teaching Seismology | Hood, Adams, and Red Bluff Mezzanine |
| 12:15 p.m. - 1:30 p.m. | LUNCH | Cascade Locks Ballroom |

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| 1:30 p.m. - 2:00 p.m. | OVERVIEW OF EARTHSCOPE AND USARRAY Bob Woodward | Stevenson A and B |
| 2:00 p.m. - 4:00 p.m. | PLENARY SESSION TRANSPORTABLE ARRAY/USARRAY: TRANSFORMATIVE SCIENCE, TECHNOLOGY, AND CULTURE Organizers: Mike Ritzwoller, Ed Garnero New Constraints on Mantle Seismic Structure Beneath the Northwestern United States Matthew Fouch The Fate of the Juan de Fuca Plate Richard Allen Surface Waves Across the TA: An Integrated Seismic and Geodynamic Analysis of Mantle Deformation Beneath California James Gaherty Ambient Seismic Noise and Teleseismic Tomography in the Western USA: High-Resolution 3-D Images of the Crust and Upper Mantle from EarthScope/USArray Yingjie Yang | Stevenson A and B |
| 4:00 p.m. - 4:15 p.m. | BREAK | Conference Center Lobby |
| 4:15 p.m. - 5:15 p.m. | LONG RANGE SCIENCE PLAN FOR SEISMOLOGY Richard Aster, Don Forsyth, Thorne Lay, and Barbara Romanowicz | Stevenson A and B |
| 5:15 p.m. - 6:15 p.m. | SPECIAL INTEREST GROUP MEETINGS Broadband Owners Group Matt Fouch and Jim Fowler Best Practices for Teaching Seismology to Undergraduates Glen Kroeger and Laura Wetzl TA Siting, Adopt-a-Station, and EARN Bob Busby and Perle Dorr IRIS Polar Projects Rhett Butler, Kent Anderson, and Jim Fowler | Baker Stevenson C Jefferson Stevenson D |
| 6:30 p.m. - 7:30 p.m. | DINNER | Cascade Locks Ballroom |
| 7:30 p.m. - 9:00 p.m. | EVENING PROGRAM WITH COFFEE AND DESSERT Viewing the Earth from the Inside Out: Insights from Scientific Visualization and Science-Art-Technology Collaboration Louise Kellogg and Oliver Kreylos | Cascade Locks Ballroom |

THURSDAY, JUNE 5

POLAR ACTIVITY

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| 6:30 a.m. - | REGISTRATION | Conference Center Lobby |
| 7:00 a.m. - 8:00 a.m. | CONTINENTAL BREAKFAST | Cascade Locks Ballroom |
| 8:00 a.m. - 10:00 a.m. | PLENARY SESSION SEISMOLOGY, GEODESY, AND ICE DYNAMICS IN POLAR REGIONS Organizers: Doug Wiens and Goran Ekström Glacier Flow and Glacial Earthquakes in Greenland Meredith Nettles Slip Slidin' Away: Glacier Flow and Seismicity Sridhar Anandakrishnan Seismic Radiation from Icebergs Douglas MacAyeal | Stevenson A and B |
| 10:00 a.m. - 10:15 a.m. | BREAK | Conference Center Lobby |
| 10:15 a.m. - 11:45 a.m. | POSTER SESSION Deep Earth Structure IRIS Facilities Seismology, Geodesy, and Ice Dynamics in Polar Regions Transportable Array/USArray: Transformative Science, Technology, and Culture | Hood, Adams, and Red Bluff Mezzanine |
| 11:45 a.m. | BOXED LUNCH | Cascade Locks Ballroom |
| 12:15 p.m. - 6:00 p.m. | FIELD TRIP: LANDSLIDES, DELUGES, AND VITICULTURE (Pre-registration required) Scott Burns and Jim O'Connor Registrants should grab their box lunches then meet in the hotel lobby at 12:15 | |
| 6:30 p.m. - 7:30 p.m. | DINNER | Cascade Locks Ballroom |
| 7:30 p.m. - 9:00 p.m. | EVENING PROGRAM WITH COFFEE AND DESSERT Music and Creativity in 100 Level Earth Science Classes Ed Garner | Cascade Locks Ballroom |

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| 6:30 a.m. - | REGISTRATION | Conference Center Lobby |
| 7:00 a.m. - 8:00 a.m. | CONTINENTAL BREAKFAST | Cascade Locks Ballroom |
| 8:00 a.m. - 10:00 a.m. | <p>PLENARY SESSION</p> <p>BREAKING THE EARTHQUAKE MOLD: EPISODIC TREMOR AND SLIP Organizers: John Vidale and Greg Beroza</p> <p>Episodic Tremor and Slip in Cascadia Ken Creager</p> <p>Episodic Tremor and Slip in Japan Satoshi Ide</p> <p>Dancing with the Plates: Watching Faults Shimmy and Shake Michael Brudzinski</p> | Stevenson A and B |
| 10:00 a.m. - 10:15 a.m. | BREAK | Conference Center Lobby |
| 10:15 a.m. - 11:15 a.m. | <p>SPECIAL INTEREST GROUP MEETINGS</p> <p>Mobile Real-Time Networks for Aftershock Warning and Study Paul Davis and Marcos Alvarez</p> <p>After the Earthquake: Communicating to the Media and General Public Kevin Furlong and John Taber</p> <p>Handling Data from USArray and PASSCAL Experiments Gary Pavlis and Bob Busby</p> <p>Synthetic Seismogram Server for Global CMTs Jeroen Tromp, Goran Ekström, Vala Hjörleifsdóttir, and Paul Friberg</p> | Baker Stevenson C Stevenson D Jefferson |
| 11:15 a.m. - 12:15 p.m. | <p>SPECIAL INTEREST GROUP MEETINGS</p> <p>PASSCAL Program Review Alan Levander and Jim Fowler</p> <p>SeisMac, QuakeCatcher, and NetQuakes Michael Wyession and Elizabeth Cochran</p> <p>Data Quality Assessment for the Transportable Array Bob Woodward, Gary Pavlis, and Bob Busby</p> <p>IRIS Software Working Group Chuck Ammon and Bob Woodward</p> | Stevenson D Stevenson C Jefferson Baker |
| 12:15 p.m. - 1:30 p.m. | LUNCH | Cascade Locks Ballroom |

1:30 p.m. - 3:15 p.m. **POSTER SESSION** Hood, Adams, and Red Bluff Mezzanine
**Breaking the Earthquake Mold: Episodic Tremor and Slip
Synergy in Seismic Event Monitoring**

3:15 p.m. - 3:30 p.m. **BREAK** Conference Center Lobby

3:30 p.m. - 3:45 p.m. **OVERVIEW OF EARTHQUAKE HAZARD POLICY** Stevenson A and B
Art Lerner-Lam and David Applegate

3:45 p.m. - 5:45 p.m. **PLENARY SESSION** Stevenson A and B
SYNERGY IN SEISMIC EVENT MONITORING AND RESEARCH
Organizers: Chuck Ammon, Felix Waldhauser
Lessons from the Transportable Array for Seismic Monitoring
Douglas Dreger
The Many Roles of a Regional Seismic Network
Steve Malone
**Stealing Gold from the Ivory Tower: USGS National Earthquake Information Center's
Collaborations with the Academic Community**
Paul Earle
A Novel Use of Global Seismic Network for Fast Tsunami Warning
Hiroo Kanamori

6:00 p.m. - **OUTDOOR BBQ** Front Lawn