



14TH ANNUAL WORKSHOP  
OUTRIGGER WAIKOLOA BEACH  
WAIKOLOA, HAWAII  
JUNE 12-16, 2002



## WEDNESDAY, JUNE 12

7:30am	Continental Breakfast for Antelope Users Group	Paniolo & Terrace
8:00 am - 2:30 pm	Antelope Users Group	Lehua III
3:00 pm - 5:30 pm	FDSN First Plenary Meeting	Alii I
4:00 pm	Registration Begins	Paniolo Terrace
	Poster Set-up	Alii II & III
6:00 pm	Ice-breaker Reception	Paniolo Terrace
8:00 pm	FDSN Working Group I, Station Siting and Instrumentation	Lehua III

## THURSDAY, JUNE 13

7:30 am	Continental Breakfast	Paniolo Terrace
8:30 am	Pre-Workshop Meeting for Session Chairs	Alii I
9:00 am	Introduction and Overview Welcome – <i>C. Thurber, M. Wysession</i> State of the Consortium – <i>G. Ekstrom, D. Simpson</i> National Science Foundation – <i>D. Lambert, J. Whitcomb</i>	Alii I
10:30 am	Break	
10:45 am	Plenary Science Session I: Hawaii <i>Chairs: S. Baher, University of Wisconsin / D. Wilson, New Mexico Tech</i> Late Cretaceous to Early Tertiary Motion of the Hawaiian Hotspot and its Geodynamic Implications – <i>John Tarduno, University of Rochester</i> Motion of the Hawaiian Hotspot, and Shape of its Plume Conduit, as Inferred from Global Mantle Flow Models – <i>Bernard Steinberger, University of Colorado</i> Regional Seismographic Network Applications in Hawaii – <i>Paul Okobu, Hawaii Volcano Observatory</i> The Hawaiian Plume: What do Geophysical Observables Tell Us? – <i>Neil Ribe, Institut de Physique du Globe</i>	Alii I
12:45 pm	Lunch	Paniolo & Terrace
2:00 pm	Program Forums I: <b>GSN</b> – GSN and FDSN Pictures and Stories <i>(B. Romanowicz, R. Butler)</i> Lehua I,II <b>E&amp;O</b> – Making Waves: Leveraging a Nationally Significant Seismology Education and Outreach Program <i>(R. Aster, J. Taber)</i> Alii I	
3:30 pm	Break	
4:00 pm	Program Forums II: <b>PASSCAL</b> – New Instrumentation and Data Showcase <i>(R. Johnson, J Fowler)</i> Lehua I,II <b>DMS</b> – What’s New at the DMS? Tools, Products and Initiatives to Enhance the Quality of Your Work <i>(M. Kohler, T. Ahern)</i> Alii I	
6:00 pm	Dinner Dessert and coffee with Frank Trusdell, USGS, Hawaiian Volcano Observatory Volcanism in Hawaii: An Introduction to Volcanoes, Monitoring and Hazards Assessment.	Paniolo & Terrace Alii I
8:00 pm	Discussion of Procedures for NSF Grants and Agreements <i>Kathleen Clark, NSF Division of Grants and Agreements</i>	Lehua I
8:00 pm	FDSN Working Group II, Data Centers and Data Exchange	Lehua III

## FRIDAY, JUNE 14

7:30 am	Continental Breakfast	Paniolo Terrace
9:00 am	Plenary Science Session II: Ring of Fire <i>Chairs: B. White, Washington University / D. Weeraratne, Brown University</i> Continental Tectonics and Volcanism in New Zealand: A Seismological Perspective – Timothy Stern, Victoria University, New Zealand Recent Earthquake Monitoring in Japan with Dense Seismic and GPS Networks – James Mori, Kyoto University, Japan The Costa Rica Subduction Zone: Large Variations in Short Distances Along the Trench – Mario Protti, Universidad Nacional, Costa Rica Seismological Research in Taiwan: Recent Development in Observational Facilities and Results – Honn Kao, Academia Sinica, Taiwan	Alii I
11:00 am	Break	
11:20 am	Emerging Opportunities and New Programs <i>Chairs: A. Dziewonski and G. van der Vink</i> Advanced National Seismic System (ANSS) – K. Shedlock Southern California Earthquake Center – T. Jordan MARGINS – D. Wiens Ocean Mantle Dynamics – D. Forsyth	Alii I
12:15 pm	Lunch	Paniolo and Terrace
1:30 pm	Emerging Opportunities and New Programs <i>Chairs: A. Dziewonski and G. van der Vink</i> National Earthquake Information Center – S. Sipkin Seismological Society of America – S. Malone Department of Energy – S. Taylor Cooperative Institute for Deep Earth Research (CIDER) – B. Romanowicz Federation of Digital Seismograph Networks (FDSN) – Y. Fukao South Pole Remote Earth Science Observatory (SPRESO) – R. Butler	Alii I
3:30pm	Break	
4:00pm	Poster Session I: Hawaii and Ring of Fire – C. Thurber	Alii II & III
4:00pm	Publications Sub-Committee Meeting	Kamehameha Board Room
6:00pm	Dinner	Luau Grounds
8:00pm	FDSN Working Group III, Software Coordination	Lehua III

## SATURDAY, JUNE 15

7:30am	Continental Breakfast	Paniolo Terrace
8:00am	IRIS Planning Committee Meeting	Kamehameha Board Room
9:00am	Poster Session II: Seismicity, Structure and Tectonics – <i>Michael Wysession</i>	Alii II & III
10:30am	Plenary Science Session III: EarthScope Analogs <i>Chairs: M. Long, Massachusetts Institute of Technology / C. Wilson, University of Colorado</i> In SAR Studies of Earthquake Cycle Deformation – <i>Roland Burgmann, University of California, Berkeley</i> Synthesising a Continental Array in Australia: SKIPPY and Beyond – <i>Brian Kennett, Australian National Observatory</i> Drilling and Instrumenting a Subduction Zone Megathrust: The Proposed Nankai Trough Seismogenic Zone Borehole Observatory – <i>Harold Tobin, New Mexico Tech</i> Integrating GPS and Seismic Data in Plate Boundary Studies – <i>Seth Stein, Northwestern University</i>	Alii I
12:30pm	Lunch	Paniolo & Terrace
2:00pm	EarthScope Products – Working Group Meetings	
	Use as a “Mega” Array <i>K. Creager / J. Gaherty</i> Alii I	Western Plate Boundary <i>S. Roecker / J. Louie</i> Lehua III
	Rocky Mountains / Basin & Range <i>A. Sheehan / G. Abers</i> Lehua I	Continental Interior <i>D. James / A. Nyblade</i> Lehua II
		Education and Outreach <i>G. Pavlis / R. Mellors</i> Kamehameha Board Room
4:00pm	Poster Session III: Facilities & Programs: New Developments – <i>Cliff Thurber / Michael Wysession</i>	Alii II & III
6:00pm	Dinner	Paniolo & Terrace
	Presentation of Working Group Recommendations	Alii I
8:00pm	FDSN Working Group IV, CTBT Coordination	Lehua III

## SUNDAY, JUNE 16

8:00pm	Field trip departs	
9:00am	FDSN Second Plenary Meeting	
6:00pm	Tentative arrival time for field trip return	Lehua II & III