

## Personalized Itinerary Planner

AGU-FM13  
December 07 - 13, 2013

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Saturday, December 07, 2013

*You have nothing scheduled for this day*

Sunday, December 08, 2013

*You have nothing scheduled for this day*

Monday, December 09, 2013

Time	Session Info
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>G11B. Seafloor Geodesy I Posters</b>	
8:00-8:00 AM	<b>G11B-0916. Characteristics of Tide observed by broadband-seismometers and a tiltmeter in the seafloor and seafloor borehole.</b> <u>E. Araki</u> ; K. Kitada; T. Kimura; K. Kawaguchi; Y. Kaneda
8:00-8:00 AM	<b>G11B-0918. New Compact Ocean Bottom Cabled Seismic and Tsunami Observation System Using ICT</b> <u>M. Shinohara</u> ; T. Yamada; S. Sakai; H. Shiobara; T. Kanazawa
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>DI11A. Seismic Anisotropy: Predictions, Observations, and Interpretations I Posters [SWIRL_CM.CU]</b>	
8:00-8:00 AM	<b>DI11A-2177. Preliminary analysis of seismic anisotropy in the uppermost mantle beneath NW Pacific revealed by the Normal Oceanic Mantle project</b> <u>A. Takeo</u> ; T. Isse; K. Nishida; H. Kawakatsu; H. Shiobara; H. Sugioka; A. Ito; H. Utada
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>S11A. Seismology General Contributions I Posters</b>	
8:00-8:00 AM	<b>S11A-2277. H/V spectral ratios of seismic data recorded by the short-period ocean bottom seismometers</b> <u>J. Lin</u>
8:00-8:00 AM	<b>S11A-2293. T-wave observations on ocean-bottom seismometers offshore eastern Taiwan: effects of ocean sound speed perturbations and seafloor topography</b> <u>C. Lin</u> ; Y.L. Chuang; R. Liu; C. Huang; C. Chen; B. Kuo
8:00 AM-10:00 AM, 305 (Moscone South), <b>S11C. Understanding the Cascadia Subduction Zone: Contributions From the Cascadia Initiative and Multidisciplinary Studies I</b>	
8:00-8:15 AM	<b>S11C-01. A Holocene average seismic flux rate for the Cascadia Subduction Zone</b> <u>C.H. Scholz</u>
8:15-8:30 AM	<b>S11C-02. Outstanding Issues in the Study of Megathrust Processes and Great Earthquakes at Cascadia (Invited)</b> <u>K. Wang</u>

8:30-8:45 AM	<b>S11C-03. Linking Variations in Cascadia Subduction Zone Locking, Episodic Tremor and Slip, Crustal Properties and Primitive Arc Magmas</b> <u>G. Schmalzle</u> ; R. McCaffrey; K.C. Creager; A. Wech; B.K. Nelson
8:45-9:00 AM	<b>S11C-04. Correlations between Crustal Structure and Slip on the Cascadia Megathrust (Invited)</b> <u>A.M. Trehu</u>
9:30-9:45 AM	<b>S11C-07. Depths and Temperatures of Mantle Melt Extraction in the Southern Cascadia Subduction Zone (Invited)</b> <u>C. Till</u> ; T.L. Grove; J.M. Donnelly-Nolan; R.W. Carlson
9:45-10:00 AM	<b>S11C-08. A comprehensive view of the seismic structure of the Cascadia subduction zone from the spreading center to the backarc</b> <u>H. Gao</u> ; Y. Shen
10:20 AM-12:20 PM, 305 (Moscone South), <b>S12A. Understanding the Cascadia Subduction Zone: Contributions From the Cascadia Initiative and Multidisciplinary Studies II</b>	
10:20-10:35 AM	<b>S12A-01. Overview of the Ocean Bottom Seismology Component of the Cascadia Initiative (Invited)</b> <u>D.R. Toomey</u> ; R.M. Allen; J.A. Collins; R.P. Dziak; E.E. Hooft; D. Livelybrooks; J.J. McGuire; S.Y. Schwartz; M. Tolstoy; A.M. Trehu; W.S. Wilcock
10:35-10:50 AM	<b>S12A-02. Seismic Observations in Shallow Water (Invited)</b> <u>S.C. Webb</u> ; A.H. Barclay; D. Gassier; T. Koczyński
10:50-11:05 AM	<b>S12A-03. Active and passive-source imaging of the Cascadia subduction zone using both onshore and offshore data</b> <u>H.A. Janiszewski</u> ; G.A. Abers; H.D. Carton; S.C. Webb; J.B. Gaherty; A.M. Trehu
11:05-11:20 AM	<b>S12A-04. Juan de Fuca Plate Ridge-to-Trench Experiment: initial results from active source seismic imaging of the Juan de Fuca plate and Cascadia fore-arc (Invited)</b> <u>S.M. Carbotte</u> ; J. Canales; H.D. Carton; S. Han; J.C. Gibson; H.A. Janiszewski; G. Horning; M.R. Nedimovic; G.A. Abers; A.M. Trehu
11:20-11:35 AM	<b>S12A-05. A New Assessment of the Relationships Between Crack Morphology, Porosity, and Seismic Velocity in Young Upper Oceanic Crust</b> <u>R. Carlson</u>
11:35-11:50 AM	<b>S12A-06. Rayleigh Wave Tomography of the Juan de Fuca Plate Using Teleseismic Sources (Invited)</b> <u>D.W. Forsyth</u> ; S. Bell; Y. Ruan
11:50-12:05 PM <b>(Conflict)</b>	<b>S12A-07. Shear-wave Velocity Structure and Inter-Seismic Strain Accumulation in the Up-Dip Region of the Cascadia Subduction Zone: Similarities to Tohoku?</b> <u>J.A. Collins</u> ; J.J. McGuire; M. Wei
10:20 AM-12:20 PM, 304 (Moscone South), <b>T12B. Continental Rifts and Rifted Margins II</b>	

11:50-12:05 PM <b>(Conflict)</b>	<b>T12B-07. Teleseismic body wave tomography within a highly extended continental rift: the Woodlark Rift, Papua New Guinea</b> <u>Z. Eilon</u> ; G.A. Abers; G. Jin; Y. Kim; J.B. Gaherty
10:20 AM-12:20 PM, 305 (Moscone South), <b>S12A. Understanding the Cascadia Subduction Zone: Contributions From the Cascadia Initiative and Multidisciplinary Studies II</b>	
12:05-12:20 PM	<b>S12A-08. Shallow structure and surface wave propagation characteristics of the Juan de Fuca plate from seismic ambient noise</b> <u>Y. Tian</u> ; W. Shen; M.H. Ritzwoller
1:40 PM-6:00 PM, Hall A-C (Moscone South), <b>T13C. Seismology, Active Tectonics and Geomorphology in South and East Asia I: Taiwan Posters</b>	
1:40-1:40 PM	<b>T13C-2537. Seismotectonics of the Eastern Taiwan offshore area from OBS data</b> <u>S. Chin</u> ; J. Lin
1:40-1:40 PM	<b>T13C-2549. Seismic velocity structure of the Taiwan mountain belt along TAIGER transect T5</b> <u>H.J. Van Avendonk</u> ; H. Kuo-Chen; K.D. McIntosh; L.L. Lavier; F.T. Wu; D.A. Okaya
1:40 PM-6:00 PM, Hall A-C (Moscone South), <b>V13F. Ocean Islands and Large Igneous Provinces III Posters</b>	
1:40-1:40 PM	<b>V13F-2685. An Immense Shield Volcano within Shatsky Rise Oceanic Plateau, Northwest Pacific</b> <u>W.W. Sager</u> ; J. Zhang; J. Korenaga; T. Sano; A.A. Koppers; M. Widdowson; J.J. Mahoney
1:40-1:40 PM	<b>V13F-2688. The Moho Structure of Shatsky Rise Oceanic Plateau, Northwest Pacific, from Multichannel Seismic Reflection and Wide-angle Refraction Data</b> <u>J. Zhang</u> ; W.W. Sager; J. Korenaga
4:00 PM-6:00 PM, 3024 (Moscone West), <b>G14A. Seafloor Geodesy II</b>	
4:45-5:00 PM	<b>G14A-04. Vertical Seafloor Geodesy at Two Mid-ocean Ridge Sites: Recent Results and Lessons Learned (Invited)</b> <u>S.L. Nooner</u> ; B. Chadwick; S.C. Webb

Tuesday, December 10, 2013

Time	Session Info
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>DI21A. Linking the Earth's Surface With the Deep Interior: Comparing Predictions and Observations of Mantle Plumes II Posters [SWIRL_CM.CU]</b>	
8:00-8:00 AM	<b>DI21A-2247. Rayleigh Wave Azimuthal Anisotropy Beneath Hawaii Using PLUME Ocean-Bottom Seismometers</b> <u>R. Marzen</u> ; G. Laske

8:00 AM-12:20 PM, Hall A-C (Moscone South), **S21C. Understanding the Cascadia Subduction Zone: Contributions From the Cascadia Initiative and Multidisciplinary Studies III Posters**

8:00-8:00 AM	<b>S21C-2418. Pockmarks, fluid flow, and sediments outboard of the deformation front at the Cascadia Subduction Zone from analysis of multi-channel seismic and multi-beam sonar data</b> <u>J.C. Gibson</u> ; S.M. Carbotte; S. Han; H.D. Carton; P. Canales; M.R. Nedimovic
8:00-8:00 AM	<b>S21C-2419. Large Erosional Features on the Cascadia Accretionary Wedge Imaged with New High-Resolution Multibeam Bathymetry and Seismic Datasets.</b> <u>J.W. Beeson</u> ; C. Goldfinger
8:00-8:00 AM	<b>S21C-2420. Cascadia Seismoturbidites: A Landlubber Critiqued</b> <u>C. Goldfinger</u> ; J.W. Beeson; H. Nelson; J.R. Patton; A.E. Morey; S. Galer
8:00-8:00 AM	<b>S21C-2421. Temporal Variability of Methane Flares on the Cascadia Margin Imaged with Swath Bathymetric Data (Ancillary Data to Cascadia Initiative Cruise AT26-02)</b> <u>A.M. Trehu</u>
8:00-8:00 AM	<b>S21C-2422. Using Cross Correlation and Subspace Detection Methods to Identify Earthquakes Recorded by the Cascadia Initiative Seismic Dataset</b> <u>M.O. Eimer</u> ; S.L. Bilek; C.A. Rowe
8:00-8:00 AM	<b>S21C-2423. Northern Cascadia Seismicity From Ocean Floor Observations — Campaign and Permanent Seismic Experiments</b> <u>M. Heesemann</u> ; M. Scherwath; S. Kodaira; K. Obana; Y. Yamamoto; G. Spence; M. Riedel; G.C. Rogers; K. Wang; J.J. McGuire
8:00-8:00 AM	<b>S21C-2424. Relocating Earthquakes on the Oregon Continental Margin using Cascadia Initiative Ocean-Bottom Seismometer Data</b> <u>E.J. Davis</u> ; A.M. Trehu
8:00-8:00 AM	<b>Abstract Withdrawn</b>
8:00-8:00 AM	<b>S21C-2426. GPS-Observed Displacements for the M7.7 October 27, 2012, Haida Gwaii Earthquake</b> <u>L. Nykolaishen</u> ; H. Dragert; K. Wang; M. Schmidt; Y. Lu; B. Schofield
8:00-8:00 AM	<b>S21C-2427. Steady Rotation of the Cascade Arc, Northwest USA and Canada</b> <u>R.E. Wells</u> ; R. McCaffrey
8:00-8:00 AM	<b>S21C-2428. Intertidal land-level changes during the most recent megathrust earthquake at the Cascadia subduction zone</b> <u>Y. Milker</u> ; B. Horton; S.E. Engelhart; A.R. Nelson; R.C. Witter
8:00-8:00 AM	<b>S21C-2429. Theoretical and practical considerations for the design of the iMUSH active-source seismic experiment</b> <u>E. Kiser</u> ; A. Levander; S.H. Harder; G.A. Abers; K.C. Creager; J.E. Vidale; S.C. Moran; S.D. Malone

8:00-8:00 AM	<b>S21C-2430. A plate-driven model for enigmatic volcanic history of the Cascades-Yellowstone System</b> <u>S. Szwaja</u> ; C.R. Kincaid; K.A. Druken; J. MacDougall
8:00-8:00 AM	<b>S21C-2431. The intracrustal structure beneath the Owyhee Plateau, Oregon, from receiver function analysis</b> <u>T. Hou</u> ; C. Chen; D.E. James; M.J. Fouch
8:00-8:00 AM	<b>S21C-2432. Calibration of the R/V Marcus G. Langseth Seismic Array in shallow Cascadia waters using the Multi-Channel Streamer</b> <u>T.J. Crone</u> ; M. Tolstoy; H.D. Carton
8:00-8:00 AM	<b>S21C-2433. Student Experiences: the 2013 Cascadia Initiative Expedition Team's Apply to Sail Program</b> <u>H. Mejia</u> ; E.E. Hooft; L. Fattaruso
8:00-8:00 AM	<b>S21C-2434. OBSIP Instrumentation and Operations for the Cascadia Initiative</b> <u>J.A. Lodewyk</u> ; B. Evers; A. Frassetto; A. Adinolfi
8:00-8:00 AM	<b>S21C-2435. Correcting the vertical component of ocean bottom seismometers for the effects of tilt and compliance</b> <u>S.W. Bell</u> ; D.W. Forsyth
8:00-8:00 AM	<b>S21C-2436. Deep long-period earthquakes west of the volcanic arc in Oregon: Direct evidence of fluid migration through the forearc mantle wedge</b> <u>J.E. Vidale</u> ; S.D. Malone; A.J. Hotovec-Ellis; S.C. Moran; K.C. Creager; H. Houston; D.A. Schmidt
8:00-8:00 AM	<b>S21C-2437. Pre-Stack Depth Migrations of the Cascadia Decollement: Seismic Imaging from the Cascadia Open-Access Seismic Transects (COAST) Project</b> <u>E.D. Everson</u> ; W. Holbrook; H.J. Tobin; K.M. Keranen
8:00-8:00 AM	<b>S21C-2438. Ridge to Trench body-wave tomography of the Juan de Fuca plate system</b> <u>W.B. Hawley</u> ; R.M. Allen
8:00-8:00 AM	<b>S21C-2439. Towards Adjoint Tomography of 3D Structure of the Juan de Fuca Plate and Cascadia Trench</b> <u>Y. Ruan</u> ; D.W. Forsyth
8:00-8:00 AM	<b>S21C-2440. Multichannel Seismic Images of Cascadia Forearc Structure at the Oregon Margin</b> <u>S. Han</u> ; S.M. Carbotte; H.D. Carton; J. Canales; M.R. Nedimovic
8:00-8:00 AM	<b>S21C-2441. Seismic Structures Beneath the Deformation Front of the Northern Cascadia Subduction Zone: Preliminary Results from the SeaJade Project</b> <u>J.A. Hutchinson</u> ; H. Kao; K. Obana; G. Spence
8:00-8:00 AM	<b>S21C-2442. Travel-time Tomography of the Upper Mantle using Amphibious Array Seismic Data from the Cascadia Initiative and EarthScope</b> <u>S. Cafferky</u> ; B. Schmandt

8:00-8:00 AM	<b>S21C-2443. Variations in Seismic Structure of the Incoming Juan de Fuca Plate Along the Cascadia Deformation Front</b> <u>J. Canales</u> ; H.D. Carton; S.M. Carbotte; M.R. Nedimovic
8:00-8:00 AM	<b>S21C-2444. Structure of the Juan de Fuca Plate and Washington Forearc from 2D Travel Time Tomography of OBS and Land Seismometer Data along and East-West Transect</b> <u>H.D. Carton</u> ; <u>J. Canales</u> ; H.A. Janiszewski; S.M. Carbotte; G.A. Abers; A.M. Trehu; M.R. Nedimovic
8:00-8:00 AM	<b>S21C-2445. Detailed Seismic Velocity Structure of the Plate Boundary, Cascadia Subduction Zone, from Prestack Waveform Inversion</b> <u>W. Fortin</u> ; W. Holbrook; H.J. Tobin; K.M. Keranen; E. Everson; S. Mallick; A. Padhi
8:00-8:00 AM	<b>S21C-2446. A 3D Velocity Model of the Central Cascadia Subduction Zone beneath the Oregon Continental Shelf and Coast Range</b> <u>C. Kenyon</u> ; A.M. Trehu; D.R. Toomey; W.S. Wilcock; S.M. Carbotte; H.D. Carton; J. Canales
8:00-8:00 AM	<b>S21C-2447. A 2-D Tomographic Model of the Juan de Fuca Plate from Accretion at Axial Seamount to Subduction at the Cascadia Margin from an Active Source OBS survey.</b> <u>G. Horning</u> ; <u>J. Canales</u> ; H.D. Carton; S.M. Carbotte; M.R. Nedimovic
8:00-8:00 AM	<b>S21C-2448. Anisotropy of the Juan de Fuca plate: Slab gaps and asthenospheric entrainment</b> <u>R. Martin-Short</u> ; R.M. Allen
8:00 AM-10:00 AM, 305 (Moscone South), <b>S21E. Advances in Seismic Imaging: Toward Integrated GeoModels on All Scales — Mantle I [SWIRL_CM]</b>	
8:00-8:15 AM	<b>S21E-01. Mermaid: evaluation of its capabilities to observe P-delays in the oceans</b> <u>G. Nolet</u> ; A. Sukhovich; y.m. Hello; S. Bonnieux; C. Joubert; F.J. Simons
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>T21A. Continental Rifts and Rifted Margins V Posters</b>	
8:00-8:00 AM	<b>T21A-2522. Deep structure of the Algerian continental margin in the region of the Great Kabylies – Insights from wide-angle seismic data modelling.</b> <u>A. Chafik</u> ; F. Klingelhoefer; A. Yelles-Chaouche; M. Beslier; R. Bracene; S. Philippe ; H. Djellit; A. Galve; A. Bounif; L. Schenini; F. Sage; P. Charvis
8:00-8:00 AM	<b>T21A-2524. Seismicity in an active rift exposing ultra-high pressure metamorphic rocks: D'Entrecasteaux Islands, Papua New Guinea</b> <u>C.C. Dieck</u> ; G.A. Abers; Z. Eilon; J.B. Gaherty; R. Verave
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>T21B. Continental Rifts and Rifted Margins VI Posters</b>	

8:00-8:00 AM	<b>T21B-2541. INITIAL LOOK AT 3D SEISMIC DATA ACQUIRED OVER THE GALICIA MARGIN</b> <u>D.S. Sawyer</u> ; T.J. Reston; D.J. Shillington; T.A. Minshull; D. Klaeschen; J.K. Morgan
8:00-8:00 AM	<b>T21B-2552. Crustal growth deduced from structural characteristics of the Izu-Ogasawara oceanic arc</b> <u>N. Takahashi</u> ; M. Yamashita; S. Kodaira; T. Sato; T. No; S. Miura; Y. Kaiho; K. Obana; T. Takahashi; Y. Kaneda; Y. Tatsumi
8:00-8:00 AM	<b>T21B-2553. Seismic characters of the crust for a back-arc opening of the northern Japan Sea deduced from the seismic survey</b> <u>T. Sato</u> ; T. No; N. Takahashi; S. Kodaira; Y. Kaneda
8:00-8:00 AM	<b>T21B-2554. Surface wave tomography of D'Entrecasteaux Islands, Papua New Guinea, implication of mantle control on localization of extension and exhumation</b> <u>G. Jin</u> ; J.B. Gaherty; G.A. Abers; Y. Kim; Z. Eilon; W.R. Buck; R. Verave
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>V21C. Tectonics and Magmatism in the Alaska-Aleutian, Cascadia, and Taupo-Tonga Subduction Systems III Posters (cosponsored by EGU-GMPV and MSA)</b>	
8:00-8:00 AM	<b>V21C-2731. The acoustic response of submarine volcanoes in the Tofua Arc and northern Lau Basin following two great earthquakes in Samoa and Chile</b> <u>D.R. Bohnenstiehl</u> ; R.P. Dziak; H. Matsumoto; J.A. Conder
8:00-8:00 AM	<b>V21C-2733. Acoustic and tephra records of explosive eruptions at West Mata submarine volcano, NE Lau Basin</b> <u>R.P. Dziak</u> ; D.R. Bohnenstiehl; E.T. Baker; H. Matsumoto; J. Caplan-Auerbach; C.J. Mack; R.W. Embley; S.G. Merle; S.L. Walker; T.A. Lau
8:00-8:00 AM	<b>V21C-2734. Spatio-temporal distribution of microseismicity along the Eastern Lau Spreading Center, Lau Basin, SW Pacific.</b> <u>J.A. Davies</u> ; D.R. Bohnenstiehl; R.P. Dziak; H. Matsumoto; J.A. Conder
8:00 AM-10:00 AM, 304 (Moscone South), <b>T21G. Seismology, Active Tectonics and Geomorphology in South and East Asia IV: Structure/Tectonics</b>	
9:00-9:15 AM	<b>T21G-05. Two-dimensional seismic velocity models of southern Taiwan from TAIGER transects</b> <u>K.D. McIntosh</u> ; H. Kuoehen; H.J. Van Avendonk; L.L. Lavier; F.T. Wu; D.A. Okaya
1:40 PM-3:40 PM, 303 (Moscone South), <b>DI23B. Geophysical Observations and Models of Subduction I [SWIRL_CM.CU]</b>	
1:55-2:10 PM	<b>DI23B-02. Anisotropic shear velocity structure beneath the Eastern Lau back-arc Spreading Center from joint Rayleigh and Love wave ambient noise tomography - Implications for the variation of mantle wedge melt distributions.</b> <u>Y. Zha</u> ; S.C. Webb; D.A. Wiens; D.K. Blackman; R.A. Dunn; J.A. Conder; W.H. Menke



3:10-3:25 PM	<b>DI23B-07. 3-D Distribution of Partial Melt beneath the Lau Backarc Basin from Seismic Attenuation Tomography</b> <u>S.S. Wei</u> ; H.N. Relyea; D.A. Wiens; S.C. Webb; D.K. Blackman; R.A. Dunn; J.A. Conder
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Wednesday, December 11, 2013

Time	Session Info
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>T31F. Recent IODP Investigations of Circum-Pacific Subduction Zones I Posters</b>	
8:00-8:00 AM	<b>T31F-2571. Results from a new seismic survey around the JFAST drill site</b> <u>Y. Nakamura</u> ; S. Kodaira; Y. Yamamoto; G. Fujie; K. Obana; S. Miura; N. Takahashi; B. Cook; M. Conin; F.M. Chester; J.J. Mori; N. Eguchi; S. Toczko
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>T31G. Recent IODP Investigations of Circum-Pacific Subduction Zones II Posters</b>	
8:00-8:00 AM	<b>T31G-2589. Seismicity and state of stress near the Japan Trench axis off Miyagi, northeast Japan, after the 2011 Tohoku-Oki earthquake</b> <u>K. Obana</u> ; S. Kodaira; T. Takahashi; Y. Yamamoto; Y. Nakamura; T. No; G. Fujie; R. Hino; M. Shinohara
8:00 AM-10:00 AM, 303 (Moscone South), <b>DI31B. The Detection and Migration of Melt and Volatiles in the Earth's Interior I</b>	
9:15-9:30 AM	<b>DI31B-06. In-situ characterization of the lithosphere/asthenosphere system of the 'normal oceanic mantle' via ocean bottom geophysical observations: first results of the NOMan project (Invited)</b> <u>H. Kawakatsu</u> ; K. Baba; A. Takeo; T. Isse; H. Shiobara; H. Utada
1:40 PM-6:00 PM, Hall A-C (Moscone South), <b>DI33A. Geophysical Observations and Models of Subduction III Posters [SWIRL_CM.CU]</b>	
1:40-1:40 PM	<b>DI33A-2215. Depth variation of upper mantle seismic discontinuities in the region of the Tonga subduction zone</b> <u>J. Chen</u> ; D.A. Wiens; E. Emry; S.S. Wei; C. Cai; S.C. Webb; W.H. Menke; Y. Zha; Y.J. Chen
1:40 PM-6:00 PM, Hall A-C (Moscone South), <b>DI33B. The Detection and Migration of Melt and Volatiles in the Earth's Interior II Posters</b>	
1:40-1:40 PM	<b>DI33B-2253. Preliminary result of the oceanic mantle structure revealed by "Normal Oceanic Mantle Project"</b> <u>T. Isse</u> ; H. Shiobara; H. Sugioka; A. Ito; A. Takeo; H. Utada; H. Kawakatsu; T. Tonegawa; S. Tanaka

Thursday, December 12, 2013

Time	Session Info
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>S41B. Interplay of Slow Slip, Tremor, and Earthquakes I Posters</b>	
8:00-8:00 AM	<b>S41B-2429. Ocean bottom seismic observation in the northern Hikurangi subduction zone offshore the North Island of New Zealand</b> <u>D. Haijima</u> ; K. Mochizuki; H. Shiobara; T. Yamada; S.A. Henrys; B. Fry; S.C. Bannister
10:20 AM-12:20 PM, 3009 (Moscone West), <b>OS42A. On and Off-Axis Accretionary Processes at Mid-Ocean Ridges II</b>	
11:35-11:50 AM	<b>OS42A-06. Seismic Evidence of Abundant Flank Magmatism at the Endeavour Segment, Juan de Fuca Ridge</b> <u>E.E. Hooft</u> ; A.E. Wells; D.R. Toomey; W.S. Wilcock
1:40 PM-6:00 PM, Hall A-C (Moscone South), <b>OS43A. On and Off-Axis Accretionary Processes at Mid-Ocean Ridges III Posters</b>	
1:40-1:40 PM	<b>OS43A-1884. Off-axis Crustal Thickness and Lower Crustal Velocity Structure from Seismic Tomography on the Endeavour Segment, Juan de Fuca Ridge.</b>  <u>D.C. Soule</u> ; W.S. Wilcock; D.R. Toomey; E.E. Hooft; R.T. Weekly
1:40-1:40 PM	<b>OS43A-1885. Seismic Structure of the Shallow Mantle Beneath the Endeavor Segment of the Juan de Fuca Ridge</b> <u>B.P. VanderBeek</u> ; D.R. Toomey; E.E. Hooft; W.S. Wilcock; R.T. Weekly; D.C. Soule
1:40 PM-6:00 PM, Hall A-C (Moscone South), <b>MR43A. Constraints and Uncertainties on the Composition, Structure, and Dynamics of the Earth's Lithosphere, Upper Mantle, and Transition Zone From Multidisciplinary Studies III Posters</b>	
1:40-1:40 PM	<b>MR43A-2370. Lithospheric structure of the central Pacific: early returns from the NoMelt experiment</b> <u>P. Lin</u> ; J.B. Gaherty; D. Lizarralde; J.A. Collins; R.L. Evans; G. Hirth
1:40-1:40 PM	<b>MR43A-2373. The Electrical Structure of Upper Mantle Beneath 70Ma Pacific Seafloor Constrained by Seafloor Magnetotelluric Data</b> <u>E.K. Tursack</u> ; R.L. Evans; J. Elsenbeck; D. Lizarralde; J.A. Collins; J.B. Gaherty; G. Hirth
1:40 PM-6:00 PM, Hall A-C (Moscone South), <b>S43B. Mining Signals From Noise With Crosscorrelation Techniques I Posters</b>	
1:40-1:40 PM	<b>S43B-2509. Noise cross-correlation and beamforming with the Cascadia Initiative data</b> <u>Z. Chen</u> ; P. Gerstoft; P.D. Bromirski; P.M. Shearer

1:40-1:40 PM	<b>S43B-2521. Determining the orientation of ocean bottom seismometers using ambient noise cross-correlation</b> S.C. Webb; <u>Y. Zha</u> ; W.H. Menke
1:40-1:40 PM	<b>S43B-2536. Determining a 3D Seismic Velocity Model Offshore Southern California Using Ambient Noise Data from the ALBACORE OBS array</b> <u>M.D. Kohler</u> ; D.C. Bowden; V.C. Tsai; D.S. Weeraratne
1:40 PM-6:00 PM, Hall A-C (Moscone South), <b>T43C. Subduction Plate Boundaries From the Trench to Sub-arc and Beyond I Posters</b>	
1:40-1:40 PM	<b>T43C-2667. Taking the pulse of the Ecuador subduction zone near a locked patch</b> M. Segovia; Y. Font; <u>M.M. Regnier</u> ; P. Charvis; A. Galve; y.m. Hello; P. Jarrín; A. Oge; A. Pazmiño; M.C. Ruiz
1:40 PM-6:00 PM, Hall A-C (Moscone South), <b>T43D. Subduction Plate Boundaries From the Trench to Sub-arc and Beyond II Posters</b>	
1:40-1:40 PM	<b>T43D-2693. Deep Seismic Structure of the SW Segment of the Hellenic Subduction Zone : the ULYSSE Cruise Preliminary Results</b> M. LAIGLE; M. Sachpazi; C. Vitard; P. Charvis; A. GALVE; L. Schenini; A. Mahamat; A. Dano; M. Charalampakis; A.T. Pirentis; A. Dannowski; E.R. Flueh; A. HIRN
1:40 PM-6:00 PM, Hall A-C (Moscone South), <b>T43E. Subduction Plate Boundaries From the Trench to Sub-arc and Beyond III Posters</b>	
1:40-1:40 PM	<b>T43E-2703. Seismic survey across the Japan trench using ultra-deep water OBSs to reveal the structural evolution within the incoming plate prior to subduction</b> <u>G. Fujie</u> ; T. Takahashi; S. Kodaira; K. Obana; T. Yamada
1:40-1:40 PM	<b>T43E-2705. Seismic constraints on mantle hydration during subduction: Mariana versus Middle America Trench</b> <u>N.C. Miller</u> ; D. Lizarralde; D.A. Wiens; J.A. Collins; W. Holbrook; H.J. Van Avendonk
1:40-1:40 PM	<b>T43E-2713. Onshore-offshore seismic networks: an inescapable approach to reveal the crustal structure and the seismic activity of large subduction zones</b> <u>P. Charvis</u> ; A. Galve; M. Laigle; A. Hirn; y.m. Hello; A. Oge; B.A. Yates
1:40-1:40 PM	<b>T43E-2714. Seismic Anisotropy Indicates Ridge-parallel Asthenospheric Flow Beneath the Eastern Lau Spreading Center</b> <u>W.H. Menke</u> ; Y. Zha; S.C. Webb; D.A. Wiens; J.A. Conder; R.A. Dunn
1:40 PM-3:40 PM, 3009 (Moscone West), <b>OS43C. Interactions Between Mid-ocean Ridge Hydrothermal Systems and the Ocean I</b>	

2:35-2:50 PM	<b>OS43C-04. Linking Microearthquakes and Seismic Tomography on the Endeavour Segment of the Juan de Fuca Ridge: Implications for Hydrothermal Circulation</b> <u>W.S. Wilcock</u> ; R.T. Weekly; E.E. Hooft; D.R. Toomey; E. Kim
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Friday, December 13, 2013

Time	Session Info
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>S51A. Seismology Contributions: Signal Processing, Networks and Instrumentation II Posters</b>	
8:00-8:00 AM	<b>S51A-2282. New style OBS to the abyss</b> <u>H. Shiobara</u> ; A. Ito; H. Sugioka; M. Shinohara
8:00-8:00 AM	<b>S51A-2325. OBSIP: An Evolving Facility for the Future of Geoscience</b> <u>B. Evers</u> ; <u>J.A. Lodewyk</u>
8:00-8:00 AM	<b>S51A-2337. Sediment and Crustal Shear Velocity Structure offshore New Zealand from Seafloor Compliance, Receiver Functions and Rayleigh Wave Dispersion</b> <u>J.S. Ball</u> ; A.F. Sheehan; J.C. Stachnik; F. Lin; J.A. Collins
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>S51B. Earthquake Triggering and Interaction IV Posters</b>	
8:00-8:00 AM	<b>S51B-2343. Influence of fortnightly modulations on tidal triggering of earthquakes at the East Pacific Rise</b> <u>T. Bhatnagar</u> ; M. Tolstoy; F. Waldhauser
8:00 AM-12:20 PM, Hall A-C (Moscone South), <b>S51C. Oceanic Strike-Slip Faulting: Transforms to Intraplate I Posters</b>	
8:00-8:00 AM	<b>S51C-2387. The Relationship Between Seismicity and Fault Structure on the Discovery Transform Fault, East Pacific Rise</b> <u>M. Wolfson-Schwehr</u> ; M.S. Boettcher; J.J. McGuire; J.A. Collins
8:00 AM-10:00 AM, 302 (Moscone South), <b>T51H. Fault Zone Structure from the Surface to the LAB: Constraints from Seismology, Geodesy, Field Observations, and Rock Mechanics I</b>	
9:30-9:45 AM	<b>T51H-07. Seismic Anisotropy, Deformation, Stress and Faulting in the crust and mantle at the New Zealand Plate Boundary (Invited)</b> <u>M.K. Savage</u> ; S. Karalliyadda; D.W. Zietlow; R.A. Holt; A.F. Sheehan; J. Townend; T.A. Stern
1:40 PM-3:40 PM, 307 (Moscone South), <b>S53D. Oceanic Strike-Slip Faulting: Transforms to Intraplate II</b>	
1:55-2:10 PM	<b>S53D-02. Investigating Earthquake Stress Drops on Mid-Ocean Ridge Transform Faults (Invited)</b> <u>M.S. Boettcher</u> ; P.A. Moyer; J.J. McGuire; J.A. Collins

<p>2:10-2:25 PM <u>(Conflict)</u></p>	<p><b>S53D-03. The effect of porosity on fault slip mechanisms at East Pacific Rise transform faults: insight from observations and models at the Gofar Fault (<i>Invited</i>)</b> <u>E.C. Roland</u>; J.J. McGuire; D. Lizarralde; M.D. Behn; J.A. Collins</p>
<p>1:40 PM-3:40 PM, 304 (Moscone South), <b>T53F. Subduction Plate Boundaries From the Trench to Sub-arc and Beyond VI</b></p>	
<p>2:10-2:25 PM <u>(Conflict)</u></p>	<p><b>T53F-02. Constraints from seismic reflection signature on the seismogenic region in the Alaska/Aleutian subduction zone from the 1938 Alaska rupture zone to the Shumagin gap</b> <u>J. Li</u>; A. BECEL; D.J. Shillington; M.R. Nedimovic; H. Kuehn; S.C. Webb</p>
<p>1:40 PM-3:40 PM, 307 (Moscone South), <b>S53D. Oceanic Strike-Slip Faulting: Transforms to Intraplate II</b></p>	
<p>2:25-2:40 PM</p>	<p><b>S53D-04. Imaging of the along-strike variations in mechanical properties along the Gofar transform fault, East Pacific Rise (<i>Invited</i>)</b> <u>B. Froment</u>; J.J. McGuire; R.D. van der Hilst; P. Gouedard; E.C. Roland; J.A. Collins</p>
<p>2:40-2:55 PM</p>	<p><b>S53D-05. Seismotectonics of the Blanco Transform Fault Zone (<i>Invited</i>)</b> <u>J. Braunmiller</u>; J. Nabelek</p>