

Personalized Itinerary Planner

AGU Fall Meeting 2009
December 13 - 18, 2009

To make changes to your itinerary or view the full meeting schedule, visit <http://agu-fm09.abstractcentral.com:80>

Sunday, December 13, 2009

You have nothing scheduled for this day

Monday, December 14, 2009

Time	Session Info
8:00 AM-10:00 AM, 3008 (Moscone West), A11H. Ocean-Land-Atmosphere Interactions in the Eastern Tropical Oceans I	
8:30-9:00 AM	A11H-02. The role of eddies in setting the upper ocean heat budget under the Chilean stratus (<i>Invited</i>) <u>R.A. Weller</u> ; T. Farrar; F. Straneo; C.F. Moffat; C.J. Zappa; C.W. Fairall
8:00 AM-10:00 AM, 3003 (Moscone West), OS11B. New Insights From Integrated Multidisciplinary Studies of Oceanic Spreading Center Processes: Ridge 2000 Research I	
8:30-8:45 AM	OS11B-03. Volcanic eruption and emplacement during the 2005-06 magmatic event at the East Pacific Rise R2K Integrated Study Site (<i>Invited</i>) <u>S. Soule</u> ; K.H. Rubin; D.J. Fornari; M.R. Perfit; V. Ferrini; S.M. White; T.M. Shank; A.T. Fundis; D. Nakata; M. Tivey; A.R. Goss
1:40 PM-6:00 PM, Poster Hall (Moscone South), OS13A. New Insights From Integrated Multidisciplinary Studies of Oceanic Spreading Center Processes: Ridge 2000 Research III Posters	
1:40 PM-6:00 PM	OS13A-1164. Seismic waveform modeling of the reflection response from a mid-ocean ridge axial melt sill: understanding the message behind the polarity of waves reflected off the melt lens <u>M. Xu</u> ; R.A. Stephen; J. Canales; S.M. Carbotte; M.R. Nedimovic; J.C. Mutter
1:40-1:40 PM	T51A-1491. Transient cracks and triple junctions induced by Cocos-Nazca propagating rift H. Schouten; <u>D.K. Smith</u> ; W. Zhu; L.G. Montesi; G.A. Mitchell; J.R. Cann
1:40-1:40 PM	T51A-1489. The Galapagos Microplate Revealed <u>D.K. Smith</u> ; H. Schouten; J.R. Cann; W. Zhu; L.G. Montesi; G.A. Mitchell
1:40 PM-3:40 PM, 2009 (Moscone West), T13E. Earthquakes at the Edge: Observing and Understanding Transitions of Seismogenic Properties and Processes Along Subduction Zones III	
2:40-2:55 PM	T13E-05. Detecting Seismicity Rate Transients in the Hokkaido Corner <u>A.L. Llenos</u> ; J.J. McGuire; Y. Ogata

Tuesday, December 15, 2009

Time	Session Info
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8:00 AM-12:20 PM, Poster Hall (Moscone South), IN21B. Strategies for Improved Marine and Synergistic Data Access and Interoperability II Posters	
8:00 AM-12:20 PM	IN21B-1050. Rolling Deck to Repository (R2R): A Research Cruise Prototype Event Logging System <u>C.L. Chandler</u> ; A. Dorsk
8:00-8:00 AM	IN21B-1051. Legacy2Drupal - Conversion of an existing oceanographic relational database to a semantically enabled Drupal content management system <u>A.R. Maffei</u> ; C.L. Chandler; T. Work; J. Allen; R.C. Groman; P.A. Fox
8:00-8:00 AM	IN21B-1052. Developing an Ontology for Ocean Biogeochemical Data M.D. Allison; <u>C.L. Chandler</u> ; R.C. Groman
8:00-8:00 AM	IN21B-1053. Further Enhancements of the Geospatial Interface to the Biological and Chemical Oceanography Data Management System R.C. Groman; <u>M.D. Allison</u> ; C.L. Chandler; D.M. Glover; P.H. Wiebe; S.R. Gegg
8:00 AM-10:00 AM, 3003 (Moscone West), OS21B. New Insights From Integrated Multidisciplinary Studies of Oceanic Spreading Center Processes: Ridge 2000 Research IV	
9:45-10:00 AM	OS21B-08. Hydrothermal Exploration of the Mid-Cayman Spreading Center: Isolated Evolution on Earth's Deepest Mid-Ocean Ridge? <u>C.R. German</u> ; A. Bowen; M.L. Coleman; J.A. Huber; J. Seewald; C. Van Dover; L.L. Whitcomb; D. Yoerger; D. Connelly; D.L. Honig; M. Jakuba; J.C. Kinsey; J. McDermott; K. Nakamura; C. Sands; J. Smith; S. Sylva
1:40 PM-6:00 PM, Poster Hall (Moscone South), PP23A. Changing Terrestrial Fluxes to the Oceans: Investigating Controls on Weathering and Sediment Fluxes Through Time Using Geochemical Proxies II Posters	
1:40 PM-6:00 PM	PP23A-1369. Controls on the Flux, Age, and Composition of Terrestrial Organic Carbon Exported by Rivers to the Ocean <u>B. Peucker-Ehrenbrink</u> ; T.I. Eglington; R.M. Holmes; V. Galy; S. Soule; S.J. Goetz; N.T. Laporte; W.M. Wollheim
1:40 PM-3:40 PM, 2009 (Moscone West), T23E. The Many Faces of Slow Slip, Tremor, and Earthquakes V	
1:40-1:55 PM	T23E-01. Earthquake Swarms and Aseismic Slip on Transform Faults (<i>Invited</i>) <u>E.C. Roland</u> ; J.J. McGuire; J.A. Collins
1:40 PM-3:40 PM, 2007 (Moscone West), T23F. Tectonic, Sedimentary, Magmatic, and Thermal Evolution of Lithospheric Extension Leading to Continental Breakup and Seafloor Spreading I	
2:55-3:10 PM	T23F-06. Amagmatic Accretionary Segments, Ultraslow Spreading and Non-Volcanic Rifted Margins (<i>Invited</i>) <u>H.J. Dick</u> ; J.E. Snow

4:00 PM-6:00 PM, 2007 (Moscone West), T24D. Tectonic, Sedimentary, Magmatic, and Thermal Evolution of Lithospheric Extension Leading to Continental Breakup and Seafloor Spreading II	
5:00-5:15 PM	T24D-05. The role of magmatism in rift initiation (<i>Invited</i>) <u>M.D. Behn</u> ; W.R. Buck; R.W. Bialas
4:00 PM-6:00 PM, 2020 (Moscone West), V24A. Major Geochemical Cycles on Earth II	
4:00-4:15 PM	V24A-01. The Solid Earth Pb Cycle (<i>Invited</i>) <u>S.R. Hart</u> ; G.A. Gaetani

Wednesday, December 16, 2009

Time	Session Info
8:00 AM-10:00 AM, 2004 (Moscone West), EP31C. Coastal Geomorphology and Morphodynamics I	
9:30-9:45 AM	EP31C-07. Overwash controls coastal barrier response to sea-level rise <u>A.D. Ashton</u> ; E. Carruthers; A. Piliouras; H. Taylor
8:00 AM-12:20 PM, Poster Hall (Moscone South), OS31A. Gas Hydrates: Results of Recent Field Investigations III Posters	
8:00 AM-12:20 PM	OS31A-1180. Discovery and Characterization of Cold Seep Vents Using a Mass Spectrometer Operating aboard an Autonomous Underwater Vehicle <u>R. Camilli</u> ; L. Macelloni; V. Asper; M. Woolsey; J. Williams; A. Diercks; C.B. Lutken; K. Sleeper
8:45 AM-10:15 AM, 104 (Moscone South), PP31E. Emiliani Lecture (This session will be Webcast)	
9:00-10:15 AM	PP31E-01. Emiliani Lecture: Holocene Changes in the Indonesian Throughflow Region (<i>Invited</i>) <u>D. Oppo</u>
8:00 AM-10:00 AM, 2009 (Moscone West), T31D. Arc Systems, Ophiolites, and Continental Crust Formation III	
8:00-8:15 AM	T31D-01. Implications of Sediment Diapirs on the H₂O Flux into the Mantle at Arcs (<i>Invited</i>) <u>M.D. Behn</u> ; G. Hirth; P.B. Kelemen; B.R. Hacker
10:20 AM-12:20 PM, 3022 (Moscone West), G32A. Detection and Characterization of Transient Crustal Deformation I	
11:20-11:35 AM	G32A-05. Detecting Strain Transients in the Salton Trough (<i>Invited</i>) <u>J.J. McGuire</u> ; P. Segall; T. Herring

10:20 AM-12:20 PM, 2018 (Moscone West), V32A. Dynamics and Geochemical Consequences of Melting, Melt Migration, and Melt-Rock Reaction in a Multiscale Heterogeneous Mantle I	
10:20-10:35 AM	V32A-01. Causes and Consequences of Mantle Heterogeneity From Observations of Abyssal Peridotites (<i>Invited</i>) <u>J.M. Warren</u> ; N. Shimizu; H.J. Dick
1:40 PM-3:40 PM, 2009 (Moscone West), T33D. Arc Systems, Ophiolites, and Continental Crust Formation V	
3:25-3:40 PM	T33D-08. Similarities between Oceanic Core Complexes formed at Very Different Spreading Rates <u>H.J. Dick</u> ; Y. Ohara; S. Nakata

Thursday, December 17, 2009

Time	Session Info
8:00 AM-12:20 PM, Poster Hall (Moscone South), PP41B. Decadal- to Century-Scale Climate Variability Over the Past Millennium: Evidence From Non-Tree-Ring Archives I Posters	
8:00 AM-12:20 PM	PP41B-1511. Development of the Wintertime Sr/Ca-SST Record from Red Sea Corals as a Proxy for the North Atlantic Oscillation <u>W.N. Bernstein</u> ; K.A. Hughen
8:00 AM-12:20 PM, Poster Hall (Moscone South), V41C. Oceanic Plateaus Through Time: Formation, Preservation, and Environmental Impacts I Posters	
8:00 AM-12:20 PM	V41C-2192. Melt anomalies of the northern Atlantic Ocean basin <u>T. Wang</u> ; J. Lin; B.E. Tucholke
1:40 PM-3:40 PM, 2008 (Moscone West), EP43F. Dynamics and Processes of Deltas, Fans, and Their Distributary Channels II	
2:40-2:55 PM	EP43F-05. The Great Diversion: Danube Delta under Human Control (<i>Invited</i>) <u>L. Giosan</u>
1:40 PM-6:00 PM, Poster Hall (Moscone South), OS43B. Ocean Sciences General Contributions Posters	
1:40 PM-6:00 PM	OS43B-1389. Under-Ice Acoustic Communications and Navigation for Gliders and AUVs <u>L.E. Freitag</u> ; A. Morozov
1:40 PM-3:40 PM, 2020 (Moscone West), V43J. Using Small-Scale Observations to Answer Big Questions in Earth Sciences: Advances From 30 Years of Ion Microprobe Analysis II	
2:34-2:49 PM	V43J-05. Why Corals Care about Ocean Acidification: Insights from Ion Microprobe Analyses of Coral Crystals (<i>Invited</i>) <u>A.L. Cohen</u> ; D.C. McCorkle; S. de Putron; G.A. Gaetani; K.A. Rose

4:00 PM-6:00 PM, 2016 (Moscone West), V44B. Submarine Volcanic Eruptions: Studies of Geological, Chemical, and Biological Processes II	
5:15-5:30 PM	V44B-06. Impacts of Volcanic Eruptions and Disturbances on Mid-Ocean Ridge Biological Communities T.M. Shank
4:00 PM-6:00 PM, 2020 (Moscone West), V44C. Using Small-Scale Observations to Answer Big Questions in Earth Sciences: Advances From 30 Years of Ion Microprobe Analysis III	
5:45-6:00 PM	V44C-09. Deep sulfur cycle N. Shimizu ; C.W. Mandeville

Friday, December 18, 2009

Time	Session Info
8:00 AM-12:20 PM, Poster Hall (Moscone South), U51A. Response of Sedimentary Systems to Rapid Climate and Sea Level Changes and Its Impacts on Humans Posters	
8:00 AM-12:20 PM	U51A-0003. Are Deltaic Subaqueous Clinothems One-Highstand Affairs? L. Giosan ; P. Clift; T. Henstock; C. Ponton; D.R. Limmer
8:00 AM-12:20 PM, Poster Hall (Moscone South), S51C. The Debate on the Extent to Which Static or Dynamic Stresses Trigger Earthquakes I Posters	
8:00 AM-12:20 PM	S51C-1444. Stress triggering in en echelon thrust ruptures and related tear faults: The 2003 M=6.9 Zemmouri, Algeria, earthquake and fault interactions J. Lin ; R.S. Stein; M. Meghraoui; S. Toda; A. Ayadi; C. Dorbath; S. Belabbes
8:00 AM-12:20 PM, Poster Hall (Moscone South), T51A. Changes in Plate Tectonic Motions and Conservation of Angular Momentum Posters	
8:00 AM-12:20 PM	T51A-1500. Deep Earth Structure, plate acceleration, and conservation of angular momentum C.O. Bowin
8:00 AM-12:20 PM, Poster Hall (Moscone South), V51E. Using Small-Scale Observations to Answer Big Questions in Earth Sciences: Advances From 30 Years of Ion Microprobe Analysis IV Posters	
8:00 AM-12:20 PM	V51E-1763. In-situ Pb isotopic analysis of sulfides in abyssal peridotites from ultraslow spreading ridges: new insights into heterogeneity and evolution of the oceanic upper mantle. J. Blusztajn ; N. Shimizu; H.J. Dick; J.M. Warren
8:00-8:00 AM	V51E-1770. Mechanisms and Timescales for Reequilibration of Water in Olivine-Hosted Melt Inclusions G.A. Gaetani ; J.A. O'Leary; N. Shimizu
8:00-8:00 AM	V51E-1772. Relationships between noble gases and magmatic volatiles: new data from Loihi Seamount, Hawaii M.D. Kurz ; N. Shimizu; J. Yamamoto; J. Curtice

8:00-8:00 AM	V51E-1786. Behavior and Calibration of the Sr/Ca Temperature Proxy in Vesicomyid Clams <u>S.R. Hart</u>
10:20 AM-12:20 PM, 2004 (Moscone West), PP52A. Decadal- to Century-Scale Climate Variability Over the Past Millennium: Evidence From Non-Tree-Ring Archives II	
10:20-10:32 AM	PP52A-01. A coral-based reconstruction of Atlantic sea surface temperature trends and variability since 1552 (<i>Invited</i>) <u>C.P. Saenger</u> ; A.L. Cohen; D. Oppo; J. Carilli; R.B. Halley
10:20 AM-12:20 PM, 2005 (Moscone West), S52A. Marine Seismology and Bottom Interacting Ocean Acoustics II	
11:05-11:20 AM	S52A-04. Very small microearthquakes detected by a 200 m-aperture ocean bottom seismometer network on the active TAG hydrothermal mound, (Mid-Atlantic Ridge, 26°08'N): Evidence for hydraulic fracturing in the recharge zone (<i>Invited</i>) <u>C. Pontbriand</u> ; R.A. Reves-Sohn
11:50-12:05 PM	S52A-07. Seismicity of the Quebrada, Discovery, and Gofar Transform Faults <u>J.J. McGuire</u> ; J.A. Collins; E.C. Roland; M.D. Behn
1:40 PM-6:00 PM, Poster Hall (Moscone South), S53A. Marine Seismology and Bottom Interacting Ocean Acoustics III Posters	
1:40 PM-6:00 PM	S53A-1463. Deep seafloor arrivals - A new set of arrivals in long-range ocean acoustic propagation <u>R.A. Stephen</u> ; T. Bolmer; M.A. Dzieciuch; P.F. Worcester; R. Andrew; L. Buck; J.A. Mercer; J.A. Colosi; B.M. Howe
1:40-1:40 PM	S53A-1469. Seismic Velocity Structure Across the Quebrada and Gofar Oceanic Transform Faults from 2D Refraction Tomography – A Comparison of Faults with High and Low Seismic Slip Deficits <u>E.C. Roland</u> ; <u>J.J. McGuire</u> ; J.A. Collins; D. Lizarralde