

Challenges and Opportunities in Academic Marine Seismology

March 22-24, 2010

Incline Village, NV

Monday, March 22	Speaker	Discussion Leader	Scribe
7:30 Breakfast			
8:30 Welcome; Goals of the Meeting	Kent/Holbrook		
8:50 NSF Opening Remarks	Smith/Carlson		
9:05 The R/V Langseth: Status and Future	Higgins		
9:20 Relation to Thematic Programs			
9:20 Marine seismology: Role in MARGINS studies	Morgan		
9:35 Marine seismology: Role in IODP studies	Tobin		
9:50 Marine seismology: Role in Earthscope studies	Trehu		
10:05 Marine seismology: Role in continental dynamics	Okaya		
10:20 Marine seismology: Role in Law of the Sea/USGS plans	G. Barth		
10:35 ---Coffee Break ---			
10:50 Talks: Advances in Marine Seismology			
10:50 Review of R/V Ewing 3D Successes	Shipley		
11:15 Educational Opportunities for Marine Seismology	Reed		
11:30 Opportunities in Long-Offset Streamer Studies	Kent		
11:40 Opportunities in Long-Offset Streamer Studies	Singh		
11:50 Opportunities in Streamer Waveform Tomography	Nedimovic		
12:05 The first R/V Langseth 3D cruise	Carton		
12:20 Lunch			
13:20 5-Minute Nuggets: Ideas from the Floor			
14:20 Breakout Sessions #1: Improving Access			
1A. Data access and availability		Carbotte	
1B. Expanding the Langseth user base		Johnson	
1C. Improving the educational footprint		Reed	
1D. Data processing: commercial vs. in-house; 2D vs. 3D		Diebold	
15:20 ---Coffee Break ---			
15:50 Breakout Reports and Plenary Discussion	Breakout Leaders		
16:50 Poster Session			
18:50 Dinner (Lakeside Room)			
-- Guest Speaker: Dr. Jeffrey Thompson			
-- Guest Speaker: Dr. Charles Goldman			

Tuesday March 23		Speaker	Discussion Leader	Scribe
7:30	Breakfast			
8:30	Recap/Plan	Kent/Holbrook		
8:40 Science Opportunities in Marine Seismology				
8:40	Mid-ocean ridges and ocean crust	Kent		
8:55	Rifted margins	Shillington		
9:10	Gas hydrates/methane systems	Gorman		
9:25	Subduction zone processes	Moore		
9:40	Seismic oceanography	Holbrook		
9:55	3D Imaging with the "P-cable"	M. Barth		
10:10	---Coffee Break ---			
10:30 Breakout Sessions #2: Science opportunities				
	2A. Ridges and ocean crust		Toomey	Wilcock
	2B. Rifted margins and continental crust		Louie	Driscoll
	2C. Subduction zones and geohazards		Legg	Singh
	2D. Hydrates, methane, and oceans		Barth	Trehu
12:00	Lunch			
13:00 Recap of Science Opportunities				
		Breakout Leaders		
13:30 5-Minute Nuggets: Ideas from the Floor				
14:30 Breakout Sessions #3: The proposal process				
	3A. Models of proposal preparation/nurturing/evaluation		Christeson	
	3B. Models of proposal preparation/nurturing/evaluation		Magnani	
	3C. Models of proposal preparation/nurturing/evaluation		Sawyer	
	3D. Models of proposal preparation/nurturing/evaluation		Mountain	
	<i>NOTE: Have 4 randomly populated groups discuss the same issues</i>			
15:30	---Coffee Break ---			
16:00 Breakout Reports and Plenary Discussion				
		Breakout Leaders		
17:00 Optional Tour of Tahoe Center for Environmental Science				
18:00 Dinner (open)				
19:30 Poster Session				

Wednesday March 24		Speaker	Discussion Leader	Scribe
7:30	Breakfast			
8:30	Recap/Charge to Breakout Groups		Kent/Holbrook	
8:50 Breakout Sessions #4: Charting the Future				
	4A. Crafting a consensus on proposal process		Gulick	
	4B. Long-range forecasting of areas of operation		Harding	
	4C. Training the next generation		Shillington	
	4D. Elements of a new NSF program		Shor	
10:20	---Coffee Break ---			
10:35 Breakout Reports and Plenary Discussion				
		Breakout Leaders		
11:35	Recap/ The Path Forward		Holbrook/Kent	
12:00	Meeting dismissed/return to Reno-Tahoe Airport			
	<i>Steering Committee remains through Thurs AM to begin writing report</i>			