



**Innovative Approaches to Planetary Seismology:
March 15 – 19, 2010
Overview Schedule**

Explanatory Comment: The Monday morning short course, the timing of breaks and food and the special lecture on Wednesday afternoon are precisely defined; the rest of the program is flexible. As we proceed later in the week, we may break into groups with primarily solid body/coupled atmosphere or ocean and gas body focuses but at present this is left open since many people are interested in both.

Monday, March 15th			
Time	Event	Speaker	Additional Information
8:30 - 9:00	Coffee		
Short Course in Salvatori Seminar Room, South Mudd (Building 21), Third Floor			
9:00-9:05	Brief Introduction	Dave Stevenson	Salvatori Seminar Room
9:05 - 10:10	General Planetary Seismology Introduction	Philippe Lognonné	Salvatori Seminar Room
10:10 - 11:15	Seismology of Gaseous Bodies	Patrick Gaulme	Salvatori Seminar Room
11:15 - 11:25	Short break to stretch your legs		
11:25 - 12:30	Seismology of Solid Planets with an Emphasis on Mars	Bruce Banerdt	Salvatori Seminar Room
Start of Workshop in Millikan Building (Building 32), 6th Floor			
12:30 - 2:00	Sandwich Lunch provided by KISS		
2:00 - 2:30	Logistics	Tom Prince Michele Judd	
2:30 - 3:00	Introduce Yourselfs		Go around the room; each person says briefly their background interests and capabilities
3:00 - 4:00	The Goals and Central Questions for This Workshop	Led by Dave Stevenson	What do we want to accomplish? What do we want to know? What is achievable? What new technology or techniques are needed?
4:00 - 4:30	Break		
4:30 - 6:00	Continued informal discussion of goals and challenges		
6:00	KISS Reception		

Tuesday, March 16th in Millikan Building - PLANETS WITHOUT SURFACES

Time	Event	Speaker	Additional Information
8:30 - 9:00	Coffee		
9:00 - 10:30	Begin activity. The approximate order is, first, presentations and discussion on our current understanding of gas and ice giant planets (Schubert, Kanamori, Ingersoll) followed by observational techniques and instrumentation (Schmider, Mosser,..) in the afternoon		
10:30 - 11:00	Break		
11:00 - 12:30	Resume activity		
12:30 - 2:00	Buffet Lunch at the Athenaeum provided by KISS		
2:00 - 3:30	Resume activity		
3:30 - 4:00	Break		
4:00 - 6:30	Resume activity		
6:30	Dinner in Pasadena, everyone who chooses to attend pays for themselves, spouses are welcome, there will be a sign up so we can carpool		

Wednesday, March 17th in Millikan Building - PLANETS WITH SURFACES

Time	Event	Speaker	Additional Information
8:30 - 9:00	Coffee		
9:00 - 10:30	Begin Activity. Terrestrial experience followed by descriptions of the techniques and challenges for observing activity through atmospheric /ionospheric observations (Romanowicz, Lognonne/Occhipinti,...)		
10:30 - 11:00	Break		
11:00 - 12:30	Resume activity		
12:30 - 2:00	Buffet Lunch at the Athenaeum provided by KISS		
2:00 - 3:30	Resume activity, noise tomography (Kedar, Tsai)		
3:30 - 4:00	Break		
4:00 - 5:00	Seismology of the Sun and Stars (open lecture)	Laurent Gizon	Hameetman Auditorium in Cahill Building (Building # 17)
5:00	Pizza Dinner, hosted by KISS		Cahill Patio (behind the auditorium)

Thursday, March 18th - UNCONVENTIONAL TECHNIQUES AND PROMISING DIRECTIONS			
Time	Event	Speaker	Additional Information
8:30 - 9:00	Coffee		
9:00 - 10:30	Begin Activity. Open forum possibly involving Hurst, Webb, .. but then breaking into groups to consider new techniques or needs for gas, gas-coupled solid or ocean and solid body seismology.		
10:30 - 11:00	Break		
11:00 - 12:00	Resume activity		
12:00 - 1:30	Lunch on your own		
1:30-3:30	Individual free think time; small group activity		
3:30 - 4:00	Break		
4:00 - 6:00	Extended Discussion		
6:00	KISS Dinner at the Athenaeum		Spouses and significant others are welcome if signed up in advance

Friday, March 19 th			
Time	Event	Speaker	Additional Information
8:30 - 9:00	Coffee		
9:00 - 10:15	Report Session		
10:15 - 10:45	Break		
10:45 - 11:55	Continue report session		
11:55-NOON	Checkout logistics and slide show	Michele Judd	
NOON	End of Study		