

THE NATIONAL ACADEMIES

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Space Studies Board

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Mars Panel Planetary Science Decadal Survey

**Space Studies Board
National Research Council**

California Institute of Technology
Pasadena, California

FINAL AGENDA¹
November 4-6, 2009

Salvatori Room, South Mudd Building (4 November)
Board Room, Millikan Building (5-6 November)

Wednesday, November 4, 2009

OPEN SESSION

7:30 a.m.	Room Opens <i>(Breakfast available in the meeting room)</i>	
8:30 a.m.	Welcome	Philip Christensen
8:35 a.m.	Mars Strategic Program	Douglas Stetson The Planetary Society
9:00 a.m.	Mars Polar Science Orbiter	Timothy Titus ² U.S. Geological Survey
9:30 a.m.	Break	
9:45 a.m.	Rationale for Mars Sample Return	Bruce Jakosky University of Colorado
10:30 a.m.	Mars Sample-Return Mission Studies	Fuk Li Jet Propulsion Laboratory

¹ Updated October 22, 2009

² Conference Call

This meeting is being held to gather information to help the committee conduct its activities. The committee will examine the information and material obtained during open sessions in an effort to inform its work. Although opinions may be stated and lively discussion may ensue, no conclusions are being drawn at this time. Therefore, observers who draw conclusions about the committee's work based on today's discussions will be doing so prematurely.

Furthermore, individual committee members often engage in discussion and questioning for the specific purpose of probing an issue and sharpening an argument. The comments of any given committee member may not necessarily reflect the position he or she may actually hold on the subject under discussion, to say nothing of that person's future position as it may evolve in the course of the committee's activities.

12:00 p.m.	Committee Discussion <i>(Lunch will be served in the meeting room, committee discussion will continue)</i>	
1:00 p.m.	Mars' Ancient Dynamo and Crustal Remanent Magnetism	Robert Lillis University of California, Berkeley
1:20 p.m.	Electromagnetic Sounding	Robert Grimm Southwest Research Institute
1:40 p.m.	Mars Geophysical Network Mission	Bruce Banerdt Jet Propulsion Laboratory
2:40 p.m.	<i>Break</i>	
3:00 p.m.	Atmospheric Science Network Mission	Scott Rafkin Southwest Research Institute
3:45 p.m.	Dual-Satellite Climate and Chemistry Mission	Robert Kursinski University of Arizona
4:30 p.m.	In Situ Investigations as a Prerequisite for MSR	Jeffrey Bada University of California, San Diego
4:50 p.m.	In Situ Measurements of Martian Surface and Subsurface	Michael Hecht Jet Propulsion Laboratory
5:10 p.m.	Geochronology	Pamela Conrad Jet Propulsion Laboratory
5:30 p.m.	General Discussion	Panel and Guests
6:00 p.m.	<i>Activities suspended to reconvene at working dinner at the Athenaeum</i>	
6:15 p.m.	<i>Working dinner to discuss presentations:</i>	<i>The Athenaeum</i>
8:00 p.m.	Adjourn for the day	

Thursday, November 5, 2009

CLOSED SESSION

7:30 a.m.	Room Opens <i>(Breakfast available in the meeting room)</i>	
8:30 a.m.	Discussion of White Papers 1	Panel
10:00 a.m.	Break	
10:15 a.m.	Science Priorities 1	Panel

12:00 p.m.	Discussion <i>(Lunch will be served in the meeting room, committee discussion will continue)</i>	Panel
1:00 p.m.	Science Priorities 2	Panel
3:00 p.m.	Break	
3:15 p.m.	Mission Studies 1	Panel
4:45 p.m.	Homework Assignments	Phil Christensen
5:00 p.m.	Adjourn	

Friday, November 6, 2009

CLOSED SESSION

7:30 a.m.	Room Opens <i>(Breakfast available in the meeting room)</i>
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CLOSED SESSION

8:30 a.m.	Science Priorities 3	Panel
10:00 a.m.	Break	
10:15 a.m.	Mission Studies 2	Panel
11:00 a.m.	Schedule and Agenda Items for Conference Calls	Phil Christensen
11:30 a.m.	Writing Assignments	Phil Christensen
12:00 p.m.	Adjourn <i>(Lunch available in meeting room)</i>	

NOTES

Note to Presenters: If your presentation contains unpublished data, ITAR controlled and/or other sensitive information, please be aware that the open sessions at the meeting will be webcast and presentation materials given to the committee will be posted on a publicly accessible website. Please edit your presentations accordingly.

Meeting Rooms: Are located on the campus of the California Institute of Technology in Pasadena, California. We will use the Salvatori Room in the South Mudd Building (No. 34 on the Caltech map) for the open sessions on 4 November. The closed sessions on 5-6 November will be held in the Board Room, Millikan Building (No. 32 on Caltech map). See the following website for Caltech map and directions: <http://www.caltech.edu/map/>.

Hotel: The Mars Panel has reserved a block of rooms the Marriott Courtyard Monrovia, 700 West Huntington Drive, Monrovia, California 91016. Phone: 1-626-357-5211. Fax: 1-626-359-4862. Additional information, including directions can be found at the following website: <http://www.marriott.com/hotels/maps/travel/laxmr-courtyard-los-angeles-pasadena-monrovia/>.

Hotel Shuttle Bus: A shuttle bus will run between the Marriott and Caltech. The first run of the day will be at 7:00 a.m. The second and last will be at 7:45 a.m.. First come, first served. All times approximate.

Caltech Parking: Parking is available in Caltech's Wilson Ave. multistory facility (No.124 on Caltech map). Park in named slots at your peril!

Working Dinner: The Mars Panel will hold a working dinner at the Athenaeum (No. 61 on Caltech map). This is located within walking distance of the meeting room in the south-east corner of the Caltech campus, near the intersection of California Blvd. and Hill Ave.

Webcast Access: Webcast at <http://nasa-nai.acrobat.com/psdecadal/>. To receive audio you must call 866-606-4717 (domestic) or 1-309-495-0763 (international). Access code 7078272.

Burbank-Glendale-Pasadena Airport: Is 22 miles north-west of the Marriott. From the airport take the 5 Freeway South to the 134 Freeway East to the 210 Freeway East. Exit Huntington Drive and make a left. As you go under the freeway, the hotel will be to the right. Super Shuttle fare ~\$35.00. Taxi fare ~\$65.00.

Ontario International Airport: Is 27 miles south-east of the Marriott. From the airport take the 10 Freeway West to the 57 Freeway North to the 210 Freeway West. Exit Monrovia-Huntington Drive, make a left. The hotel will be immediately to the right. Super Shuttle fare ~\$45.00. Taxi fare ~\$75.00.

Los Angeles International Airport: Is 36 miles south-west of the Marriott. From the airport take 105 Freeway East to the 605 freeway North to the 210 Freeway West. Travel approximately 4 miles on the 210 Freeway, take the Monrovia-Huntington Drive exit and make a left. Hotel is immediately to the right. Super Shuttle fare ~\$45.00. Taxi fare ~\$100.00.