


**From:** Fran Bagenal <bagenal@lasp.colorado.edu>  
**Subject:** **OPAG update June**  
**Date:** May 31, 2007 9:41:15 AM MDT  
**To:** Curt Niebur <cniebur@hq.nasa.gov>  
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 1 Attachment, 16.6 KB

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Outer Planets Assessment Group - June 2007 Update

- 1 - Planetary Science Subcommittee of the NASA Advisory Council June 7-8th meeting
- 2 - New Horizons Jupiter Encounter Workshop
- 3 - Scientific Investigations from Planetary Probes and Aerial Platforms

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- 1 - Planetary Science Subcommittee of the NASA Advisory Council June 7-8th meeting

PSS is meeting at NASA HQ thursday & friday June 7-8th. All PSS meetings are open to the public. Attached below is a .pdf file of the agenda.

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2 - New Horizons Jupiter Encounter Workshop

New Horizons Jupiter Encounter Workshop  
2007 October 26-27  
Johns Hopkins University Applied Physics Laboratory  
Laurel, MD

The New Horizons Pluto-KBO mission successfully executed a flyby encounter of Jupiter, with closest approach on 2007 February 28 at a distance of ~32 R<sub>J</sub>. The New Horizons scientific instruments performed almost 700 observations of targets in the Jovian system. In addition, an extensive observational campaign of the Jovian system was conducted by ground-based, Earth-orbiting, and space-based missions in support of the New Horizons encounter. The New Horizons Project is organizing a 2-day workshop to bring together researchers from around the world to discuss the scientific results from the Jupiter observing campaign.

The details for the workshop have not yet been finalized, but the tentative plan is to hold the meeting on 2007 October 26-27 (Friday-Saturday) at the Johns Hopkins University Applied Physics Laboratory in Laurel, Maryland. The final plans for the workshop are expected to be announced in mid-June.

Further information can be obtained by contacting the Local Organizing Committee Chair, Hal Weaver ([hal.weaver@jhuapl.edu](mailto:hal.weaver@jhuapl.edu)).

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### 3 - Scientific Investigations from Planetary Probes and Aerial Platforms

COSPAR 13-20 July 2008, Montreal

(<http://www.cospar-assembly.org>)

Symposium B06

#### Scientific Organizing Committee

Sushil Atreya (University of Michigan, USA), Main Scientific Organizer

Jean-Pierre Lebreton (ESTEC, Netherlands), Deputy Scientific Organizer

James Cutts (JPL, USA)

Torrence Johnson (JPL, USA)

Ralph Lorenz (JHU-APL, USA)

#### Symposium Description

Planetary exploration has evolved to a point where in situ measurements are not only possible but are recognized to be essential for answering the major questions of the formation of the solar system and the origin and evolution of planetary atmospheres. The Galileo probe at Jupiter, Huygens probe at Titan and the VEGA balloons at Venus are just some examples of past in situ missions. New concepts are being developed for exploring Titan with balloons, Saturn and the other giant planets with entry probes, and Mars with advanced rovers. This symposium will focus on key scientific results from past in situ explorations, lessons learned, and science and technology concepts and challenges for future exploration of the planets and satellites with entry probes and aerial platforms. Presentations at the symposium will comprise a mix of invited, contributed and poster contributions.

Publication of papers in the Advances in Space Research is anticipated.

Message to authors: Bring your manuscript to the meeting to expedite reviewing. Formatting instructions will be made available on the COSPAR meeting website.

#### Contact information

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### **Planetary Science Subcommittee Meeting - 7-8 June 2007**

**Program Review Center (9H40)**

**NASA Headquarters**

**300 E St. SW Washington, DC 20546**

7 June (8:30 AM – 5:00 PM)

8:30 Welcome & Administrative Matters

Sean Solomon,  
Michael New

		MICHAEL NEW
8:45	Evaluation of GPRA Metrics	Phil Crane
10:15	Break	Sean Solomon
10:30	Analysis Group Reports	
	• VExAG	Janet Luhmann
	• LEAG	Clive Neal
	• MEPAG	Ray Arvidson
	• OPAG	Fran Bagenal
	• CAPTEM (inc. recent lunar report)	Chip Shearer
	• FEAT	Art Snoke
11:00	New PI requirements in Explorer AO	Paul Hertz
11:30	Discussion	Sean Solomon
12:00	Lunch	
12:30	Science Talk: New Horizons at Jupiter	Hal Weaver
1:30	State of COMPLEX planning for New Frontiers Program	Joe Veverka
2:30	Overview of NRC Review of Planetary Science Division	Wes Huntress
3:30	Discussion of NRC activities	Sean Solomon
4:00	Overview of new R&A Initiatives	Yvonne Pendleton
5:00	Recess	
8 June (8:30 AM – 3:00 PM)		
8:30	Planetary Science Division Update	James Green
	• Status of Arecibo discussions	
	• Future plans for PI-led mission lines	
	• Mars Update	
9:45	Discussion	Sean Solomon
10:15	Break	
10:30	Lunar Science Workshop Recommendations	Kelly Snook
12:00	Lunch	
12:30	Overview of Dawn Mission	David Lindstrom
1:00	Overview of Phoenix Mission	Bobby Fogel
1:30	Status of outer planet flagship mission studies	Curt Niebur
2:00	Formulation of Recommendations	Sean Solomon
3:00	Adjourn	