

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

Space Studies Board

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Committee on Astrobiology and Planetary Science

**Space Studies Board
National Research Council**

FINAL AGENDA

3-5 March, 2014

Monday, 3 March

Lecture Room
National Academy of Sciences

2101 Constitution Ave., NW
Washington, D.C. 20418

CAPS-SPECIFIC SESSION

OPEN SESSION

7:30 a.m.	Meeting Room Opens	<i>Breakfast available in the East Court</i>
8:30 a.m.	Welcome and Introductions	Phil Christensen and Greg Ferry
8:35 a.m.	Planetary Science Division Status Report	James Green NASA Headquarters
9:30 a.m.	R&A Program Reorganization	Jonathan Rall NASA Headquarters
10:00 a.m.	Break	
10:15 a.m.	Astrobiology Program Update	Mary Voytek NASA Headquarters
11:00 a.m.	ExoMars 2016 and 2018	Alvaro Giménez/Fabio Favata European Space Agency
12:00 p.m.	General Discussion <i>(Lunch will be served in the East Court; discussion will continue)</i>	Committees and Guests

CAPS-CAA-CSSP-CESAS PLENARY

OPEN SESSION

1:00 p.m.	Welcome	Michael Moloney
1:05 p.m.	Opening Remarks	Charlie Kennel and Debra Elmegreen
1:15 p.m.	Current State of Play at SMD	John Grunsfeld NASA Headquarters
2:15 p.m.	Views from Congress	Tom Hammond and Pamela Whitney, House Science, Space and Technology Committee
3:00 p.m.	Break	
3:20 p.m.	International Planning in Space Science	Charles Kennel
3:25 p.m.	International Cooperation at NASA-SMD	John Grunsfeld NASA Headquarters
3:40 p.m.	Program and Planning at ESA-Space Science	Alvaro Giménez European Space Agency
4:10 p.m.	Program and Planning at CAS-NSSC	Wu Ji National Space Science Center Chinese Academy of Sciences
4:40 p.m.	Program and Planning at JAXA-Space Science	Saku Tsuneta Japan Aerospace Exploration Agency
5:10 p.m.	Discussion of Future Opportunities and Planning Challenges	
6:00 p.m.	<i>Activities suspended to reconvene for a reception (by invitation) in the West Court</i>	
6:30 p.m.	<i>Working dinner (by invitation) in the Great Hall to discuss presentations</i>	
8:30 p.m.	Adjourn for the day	

Tuesday, 4 March

Lecture Room
National Academy of Sciences

2101 Constitution Ave., NW
Washington, D.C. 20418

CAPS-SPECIFIC SESSION**OPEN SESSION**

7:30 a.m.	Meeting Room Opens	<i>Breakfast available in the East Court</i>
8:30 a.m.	Europa's Plumes	Lorenz Roth Southwest Research Institute
9:30 a.m.	Mars 2020 Status Report	Kenneth Farley California Institute of Technology
10:00 a.m.	Break	
10:45 a.m.	Mars Issues	Lisa Pratt/David Beaty Indiana University/Jet Propulsion Laboratory
11:30 a.m.	Physics and Chemistry of Space-Certified Radioisotope Power Systems: What You Need to Know	Ralph McNutt Applied Physics Laboratory
12:30 p.m.	General Discussion <i>(Lunch will be served in the meeting room; discussion will continue)</i>	Committee and Guests
1:30 p.m.	NASA's Radioisotope Power System Program	Leonard Dudzinski NASA, Science Mission Directorate
2:15 p.m.	Europa Clipper Update	Robert Pappalardo/Barry Goldstein Jet Propulsion Laboratory
3:00 p.m.	Break	
3:15 p.m. – 6:30 p.m.	CLOSED SESSION	

OPEN SESSION

6:30 p.m.	Exoplanets and the Real Search for Alien Life	Sara Seager Massachusetts Institute of Technology
8:00 p.m.	Adjourn	

Wednesday, 5 March

Lecture Room
National Academy of Sciences

2101 Constitution Ave., NW
Washington, D.C. 20418

7:30 a.m. Meeting Room Opens

Breakfast available in the East Court

CAPS-SPECIFIC SESSION

OPEN SESSION

9:00 a.m. The RNA World

Ronald Breaker
Yale University

9:45 a.m. Break

10:00 a.m. – 12:00 p.m. **CLOSED SESSION**

Note to Participants: 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 discussions during this meeting 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

NAS Building: Is located at 2101 Constitution Ave., NW, between the State Department and the Vietnam Veterans Memorial. Additional information about the NAS Building is available at <http://www.nationalacademies.org/about/contact/nax.html>. The closest Metro station is Foggy Bottom (Blue and Orange lines; exit and turn right onto, then turn left once you have passed the State Department)—see http://www.nationalacademies.org/about/contact/na_069684.html.

Parking: Very limited parking is available at the NAS onsite. The 22 available sites are first come first served. The nearest Metro station is Foggy Bottom on the Orange/Blue lines. Other available parking options are as follows:

- PMI (Columbia Plaza)—2400 Virginia Avenue NW (202-785-2448)—daily rate \$24.00.
They also have a location at 1111 19th Street NW (202-466-7557)
- Colonial Parking—2100 Pennsylvania Avenue NW (202-295-8100)—daily rate 16.00.
Their location on 20th Street is no longer operating.
- GW Elliot School Garage near Dept. of Interior—1957 E Street NW—daily rate \$26.00.