

# THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

This agenda was last updated on April 15, 2015

## SPRING 2015 JOINT MEETING OF THE AERONAUTICS AND SPACE ENGINEERING BOARD (155<sup>th</sup> Meeting – Day 2) SPACE STUDIES BOARD (170<sup>th</sup> Meeting – Day 1) Final Agenda

**Wednesday April 22<sup>nd</sup> 2015**

**National Academy of Sciences Building — NAS Lecture Room**

**2101 Constitution Ave., N.W., Washington, D.C.**

(Parking lot entrance is on 21<sup>st</sup> St. NW just south of the intersection with C Street N.W.)

<b>CLOSED EXECUTIVE SESSION</b>		
8:00 AM	Board Discussions	
9:00 AM	Short Break	All
<b>OPEN SESSION</b>		
<b>FOCUS SESSION ON STRATEGIC DIRECTION OF NASA</b>		
9:15 AM	Welcome and Introductions	<i>Les Lyles, David Spergel, Chairs</i>
9:25 AM	NASA Chiefs Roundtable <i>Chief Technologist, Chief Engineer, Chief Scientist</i>	<i>David Miller, Ralph Roe, Ellen Stofan – NASA</i>
	10 minute opening statements followed by 25 minutes of discussions and Q&A	
10:30 AM	<i>Update on International Space Station</i>	<i>Sam Scimemi &amp; Julie Robinson, NASA</i>
11:30 PM	Working Lunch (informal discussions continue over lunch :: Served in West Court Atrium)	
12:30 PM	View from Capitol Hill	<i>Tom Hammond, Pam Whitney, Nick Cummings, Allen Cutler TBC</i>
1:00 PM	View from the White House	<i>Paul Shawcross, OMB - TBC</i> <i>Tammy Dickinson &amp; Ben Roberts, OSTP</i>
<b>OPEN SESSION</b>		
1:30 PM	NTSB and Space Accident Investigations	<i>Chris Hart, NTSB</i>
2:00 PM	Break	
2:20 PM	Update from the Standing Committee on Biological and Physical Sciences in Space	<i>Betsy Cantwell &amp; Rob Ferl, Co-Chairs</i>
<b>OPEN SESSION</b>		
<b>FOCUS SESSION ON DEEP SPACE HUMAN SPACEFLIGHT</b>		
2:45 PM	Recap on Main Messages of HSF Pathways Report	<i>Mary Lynne Dittmar, Former HSF Cttee Member</i>
3:30 PM	Briefing on Human Exploration and Operations Including Reactions to Pathways Report	<i>William Gerstenmaier, NASA</i>
4:15 PM	Roundtable Discussion on Deep Space Human Spaceflight	<i>Les Lyles, David Spergel Chairs</i>
5:15 PM	Public Session Adjourns and Short Break	
<b>CLOSED EXECUTIVE SESSION</b>		
5:30 PM	Board Discussions	
6:15 PM	Adjourn	

**SPRING 2015 MEETING OF THE  
SPACE STUDIES BOARD (170<sup>th</sup> Meeting – Day 2)  
Final Agenda**

**Thursday, April 23<sup>rd</sup>, 2015**

**National Academy of Sciences Building — NAS Lecture Room  
2101 Constitution Ave., N.W., Washington, D.C.  
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**OPEN SESSION  
REPORTS FROM SSB STANDING COMMITTEES**

7:00 AM	Breakfast Available	
8:00 AM	Welcome and Introductions	
8:05 AM	Updates from the Standing Committee Chairs (20 mins each)	
	- Solar and Space Physics	<i>Todd Hoeksema, CSSP Co-Chair</i>
	- Earth Science and Applications from Space	<i>Mark Abbott &amp; Joyce Penner, CESAS Co-Chair</i>
	- Astrobiology and Planetary Sciences	<i>Greg Ferry, CAPS Co-Chair</i>
	- Astronomy and Astrophysics	<i>Marcia Rieke, CAA Co-Chair</i>
	- <i>Discussion (15 mins)</i>	

9:40 AM Break

**OPEN SESSION  
ROUNDTABLE DISCUSSION WITH SMD LEADERSHIP**

10:00 AM	Update and Key Issues at SMD and Future SSB Activities	<i>John Grunsfeld, AA-SMD, NASA</i>
10:30 AM	Q&A / Discussion with AA and SMD Division Directors	<i>Mike Freilich (Earth Science), Jeff Newmark (Heliophysics), Jim Green (Planetary) Paul Hertz (Astrophysics)</i>
11:45 AM	Working Lunch	

**OPEN SESSION  
INTERNATIONAL ISSUES**

12:45 PM	Update from European Space Sciences Committee	<i>Jean Claude Worms, ESF-ESSC</i>
1:15 PM	Update on COSPAR activities	<i>David Smith, US COSPAR Executive Secretary</i>

**OPEN SESSION  
PLANNING FOR EARTH SCIENCE AND APPLICATIONS FROM SPACE DECADAL SURVEY**

2:00 PM	Key Issues and Challenges for the Earth Science and Applications from Space Decadal Survey – ESAS 2017	<i>Tony Busalacchi, CESAS Member &amp; Former BASC Chair</i>
2:30 PM	Expectations for the Survey – NASA	<i>Mike Freilich, NASA TBC</i>
2:45 PM	Expectations for the Survey – NOAA	<i>Steve Volz, NOAA</i>
3:00 PM	Expectations for the Survey – USGS	<i>Sarah Ryker, USGS</i>
3:15 PM	Discussion by all	<i>Moderator: Tony Janetos, SSB Member</i>

**CLOSED EXECUTIVE SESSION**

4:00 PM	Board Discussions
5:00 PM	Meeting Adjourns