

# 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.)

CLOSED EXECUTIVE SESSION		
8:00 AM	Board Discussions	All
9:00 AM	Short Break	
OPEN SESSION		
FOCUS SESSION ON STRATEGIC DIRECTION OF NASA		
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> 10 minute opening statements followed by 25 minutes of discussions and Q&A	<i>David Miller, Ralph Roe, Ellen Stofan – NASA</i>
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 Tammy Dickinson &amp; Ben Roberts, OSTP</i>
OPEN SESSION		
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>
OPEN SESSION		
FOCUS SESSION ON DEEP SPACE HUMAN SPACEFLIGHT		
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	
CLOSED EXECUTIVE SESSION		
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.  
(Parking lot entrance is on 21<sup>st</sup> St. NW just south of the intersection with C Street N.W.)**

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)
	<ul style="list-style-type: none"> <li>- Solar and Space Physics <span style="float: right;"><i>Todd Hoeksema, CSSP Co-Chair</i></span></li> <li>- Earth Science and Applications from Space <span style="float: right;"><i>Mark Abbott &amp; Joyce Penner, CESAS Co-Chair</i></span></li> <li>- Astrobiology and Planetary Sciences <span style="float: right;"><i>Greg Ferry, CAPS Co-Chair</i></span></li> <li>- Astronomy and Astrophysics <span style="float: right;"><i>Marcia Rieke, CAA Co-Chair</i></span></li> <li>- Discussion (15 mins)</li> </ul>
9:40 AM	Break
OPEN SESSION	
ROUNDTABLE DISCUSSION WITH SMD LEADERSHIP	
10:00 AM	Update and Key Issues at SMD and Future SSB Activities <span style="float: right;"><i>John Grunsfeld, AA-SMD, NASA</i></span>
10:30 AM	Q&A / Discussion with AA and SMD Division Directors
	<ul style="list-style-type: none"> <li><i>Mike Freilich (Earth Science), Jeff Newmark (Heliophysics)</i></li> <li><i>Jim Green (Planetary) Paul Hertz (Astrophysics)</i></li> </ul>
11:45 AM	Working Lunch
OPEN SESSION	
INTERNATIONAL ISSUES	
12:45 PM	Update from European Space Sciences Committee <span style="float: right;"><i>Jean Claude Worms, ESF-ESSC</i></span>
1:15 PM	Update on COSPAR activities <span style="float: right;"><i>David Smith, US COSPAR Executive Secretary</i></span>
OPEN SESSION	
PLANNING FOR EARTH SCIENCE AND APPLICATIONS FROM SPACE DECADEAL SURVEY	
2:00 PM	Key Issues and Challenges for the Earth Science and Applications from Space Decadal Survey – ESAS 2017 <span style="float: right;"><i>Tony Busalacchi, CESAS Member &amp; Former BASC Chair</i></span>
2:30 PM	Expectations for the Survey – NASA <span style="float: right;"><i>Mike Freilich, NASA TBC</i></span>
2:45 PM	Expectations for the Survey – NOAA <span style="float: right;"><i>Steve Volz, NOAA</i></span>
3:00 PM	Expectations for the Survey – USGS <span style="float: right;"><i>Sarah Ryker, USGS</i></span>
3:15 PM	Discussion by all <span style="float: right;"><i>Moderator: Tony Janetos, SSB Member</i></span>
CLOSED EXECUTIVE SESSION	
4:00 PM	Board Discussions
5:00 PM	Meeting Adjourns