

SPACE STUDIES BOARD

60 YEARS: 1958-2018



SPRING 2018 JOINT MEETING OF THE AERONAUTICS AND SPACE ENGINEERING BOARD (161st Meeting—Day 2) SPACE STUDIES BOARD (176th Meeting – Day 1)

Tuesday—May 1, 2018

DRAFT AGENDA

Keck Center Building—Room 100

500 Fifth Street, N.W., Washington, D.C.

(Parking lot entrance is on 6th St. NW on the East side of the 500 block)

CLOSED EXECUTIVE SESSION		
8:00 AM	Board Discussions	
9:00 AM	Short Break	
OPEN SESSION: Focus Session on Strategic Direction of NASA		
9:15 AM	Welcome and Introductions	<i>Alan Epstein & Fiona Harrison, Chairs</i>
9:25 AM	NASA Chiefs Roundtable Chief Scientist, Chief Engineer, Chief Technologist 10 minute opening statements followed by 25 minutes of discussions and Q&A	<i>Jim Green, Ralph Roe, Doug Terrier, NASA</i>
10:30 AM	Update from NASA Associate Administrator (acting) 20 minute opening statement followed by 40 minutes of discussions and Q&A	<i>Steve Jurczyk, NASA</i>
11:30 PM	Working Lunch (informal discussions continue over lunch)	
12:15 PM	View from Capitol Hill	<i>Jaclyn Keshian and Nicholas Cummings, Senate Committee on Commerce, Science, and Transportation Mike Mineiro and Pam Whitney, House Committee on Space, Science, and Technology</i>
12:45 PM	View from Executive Office of the President	<i>Steve Clarke, OSTP & Paul Shawcross, OMB</i>
OPEN SESSION: Space Technology, Microgravity Science, and Human Spaceflight at NASA		
1:15 PM	Update from Space Technology Industry Government University Roundtable 15 min presentation followed by 10 minutes of discussions and Q&A	<i>Wanda Sigur, Chair</i>
1:40 PM	Update from Standing Committee on Biological & Physical Sciences in Space 15 min presentation followed by 10 minutes of discussions and Q&A	<i>Rob Ferl, Co-Chair</i>
2:05 PM	STMD Program and Budget Update 30 min presentation followed by 15 minutes of discussions and Q&A	<i>Jim Reuter, NASA</i>
2:50 PM	HEOMD Program and Budget Update 30 min presentation followed by 15 minutes of discussions and Q&A	<i>Bill Gerstenmaier, NASA</i>
3:35 PM	Break	
OPEN SESSION: Focus Session on Orbital Debris		
3:50 PM	Orbital Debris Presentations (10 minutes each) <ul style="list-style-type: none">IntroductionNASA Orbital Debris ProgramDebris TrackingDebris in GEOPolicy Issues	<i>Bhavya Lal, IDA/STPI (Session Moderator) J.-C. Liou, NASA Darren McKnight, Integrity Apps Dan Oltrogge, AGI Brian Weeden, Secure World Foundation</i>
4:40 PM	Panel Discussion (40 minutes)	
5:20 PM	Public Session Adjourns and Short Break	
CLOSED EXECUTIVE SESSION		
5:30 PM	Board Discussion	<i>All</i>
6:00 PM	Adjourn	

Evening Social Activities by Invitation Only

SPACE STUDIES BOARD

60 YEARS: 1958-2018



SPRING 2018 MEETING OF THE SPACE STUDIES BOARD (176th Meeting—Day 2) Wednesday—May 2, 2018

DRAFT AGENDA

Keck Center Building—Room 100
500 Fifth Street, N.W., Washington, D.C.
(Parking lot entrance is on 6th St. NW on the East side of the 500 block)

OPEN SESSION: Reports from SSB Standing Committees

8:00 AM	Welcome and Introductions	<i>Fiona Harrison, Chair</i>
8:05 AM	Updates from the Standing Committee Chairs (20 mins each)	
	• Solar and Space Physics	<i>Maura Hagan, CSSP Co-Chair</i>
	• Earth Science and Applications from Space	<i>Michael King, CESAS Co-Chair</i>
	• Astrobiology and Planetary Sciences	<i>Chris House and Bill McKinnon, CAPS Co-Chairs</i>
	• Astronomy and Astrophysics	<i>Marcia Rieke and Steve Ritz (Zoom), CAA Co-Chairs</i>
9:25 AM	Discussion (15 mins)	
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>Thomas Zurbuchen, AA-SMD, NASA</i>
10:30 AM	Discussion with AA and SMD Division Directors	<i>Mike Freilich (DD Earth Science), Paul Hertz (DD Astrophysics), Lori Glaze (Acting DD Planetary), Jim Spann (Acting Deputy DD Heliophysics)</i>
11:45 AM	Working Lunch	

OPEN SESSION: Decadal Survey on Earth Science

12:30 PM	Report Brief on Decadal Survey	<i>Co-Chairs Waleed Abdalati and Bill Gail</i>
1:10 PM	First Response from NASA-ESD	<i>Michael Freilich, NASA</i>
1:25 PM	First Response from NOAA-NESDIS	<i>Steve Volz, NOAA</i>
1:40 AM	First Response from USGS-Land Remote Sensing	<i>Tim Newman, USGS</i>
1:55 AM	Board Discussions with Co-Chairs and Sponsors (NOAA, NASA, USGS)	
2:30 AM	BREAK	

OPEN SESSION: Discussion of NSF Geospace Activities

2:50 PM	Update and Key Issues at NSF-Geospace	<i>Paul Shepson, NSF</i>
---------	---------------------------------------	--------------------------

OPEN SESSION: International Issues

3:30 PM	Update from European Space Sciences Committee	<i>Athena Coustenis, ESSC Chair</i>
4:15 PM	Update on COSPAR activities	<i>Rosalyn Lopes, JPL and David Smith, SSB Staff</i>
4:30 PM	Short Break to go into Closed Session	

CLOSED EXECUTIVE SESSION

4:40 PM	Board Discussion	
6:15 PM	Adjourn	

SPACE STUDIES BOARD

60 YEARS: 1958-2018



**SPRING 2018 MEETING OF THE
SPACE STUDIES BOARD (176th Meeting—Day 3)
Thursday—May 3, 2018**

DRAFT AGENDA

**Keck Center Building—Room 100
500 Fifth Street, N.W., Washington, D.C.
(Parking lot entrance is on 6th St. NW on the East side of the 500 block)**

7:30 AM *Breakfast Available*

OPEN SESSION: Focus Session on Status of Selected Decadal Priority Missions

Each Presentation 20 min followed by 10 minutes of discussions and Q&A

8:00 AM	Status of Parker Solar Probe	<i>Nicky Fox, JHU-APL</i>
8:30 AM	Status of JWST	<i>Eric Smith, NASA HQ</i>
9:00 AM	Status of Mars 2020	<i>Ken Farley, Caltech</i>
9:30 AM	Status of Europa Clipper	<i>Bob Pappalardo and Barry Goldstein (Zoom), JPL</i>

10:00 PM *Break*

10:20 AM	Status of PACE	<i>Lorraine Remer, University of Maryland, Baltimore</i>
10:40 AM	Status of WFIRST	<i>David Spergel, Princeton University</i>
11:10 AM	<i>Short Break to go into Closed Session</i>	

CLOSED EXECUTIVE SESSION

11:20 PM	Board Discussion
1:30 PM	<i>Meeting Adjourns</i>