

AERONAUTICS AND SPACE ENGINEERING BOARD

The National
Academies of
SCIENCES
ENGINEERING
MEDICINE



SPRING 2019 MEETING OF THE AERONAUTICS AND SPACE ENGINEERING BOARD (163rd Meeting)

Monday April 29, 2019

Keck Center, 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)

DRAFT AGENDA

EXECUTIVE SESSION		
8:30 AM	Committee Discussions	
9:15 AM	<i>Short Break</i>	
OPEN SESSION		
9:30 AM	Welcome and Introduction of Members and Attendees	Alan Epstein, ASEB Chair
9:45 AM	Update and Discussion of ARMD Program <i>30 min Presentation and 45 min Discussion</i>	Robert Pearce, NASA Deputy Associate Administrator for ARMD
11:00 AM	<i>Short Break</i>	
11:15 AM	Update from Aeronautics Research and Technology Roundtable	Ray Colladay, ARTR Chair
11:45 AM	Aeronautics Update from FAA	Wayne Monteith, FAA/AST Associate Administrator
12:30 PM	<i>Working Lunch Available Outside Meeting Room</i>	
1:30 PM	Panel on Advances in Vertical Lift <i>20 min Presentations and 30 min Discussion</i>	Nick Lappos, Sikorsky Senior Technical Fellow John Langford, CEO Aurora Flight Sciences Jeff Schloesser, Bell Helicopters Executive Vice President for Strategic Pursuits
	<ul style="list-style-type: none"> • Sikorsky RAIDER Program • Aurora Flight Sciences • Bell Helicopters Advanced Vertical Lift Center 	
3:00 PM	<i>Short Break</i>	
EXECUTIVE SESSION		
3:15 PM	Committee Discussions	
6:00 PM	<i>Meeting Adjourns for the Day – Evening Free</i>	

**SPRING 2019 JOINT MEETING OF THE
AERONAUTICS AND SPACE ENGINEERING BOARD (163rd Meeting)
and SPACE STUDIES BOARD (178th Meeting)**

Tuesday April 30, 2019

Keck Center, 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)

DRAFT AGENDA

EXECUTIVE SESSION		
8:00 AM	Committee Discussions	
8:45 AM	Short Break	
OPEN SESSION		
Focus Session on U.S. Space Organization, Technology, and National Security		
9:00 AM	National Security Space <i>30 min talk / 30 min discussion</i>	Michael Griffin, Under Secretary of Defense for Research and Engineering
10:00 AM	Short Break	
10:15 AM	Update and Discussion of NASA Programs <i>30 min talk / 30 min discussion</i>	Jim Bridenstine, NASA Administrator
11:15 AM	Update from the Office of Science and Technology Policy <i>30 min talk / 30 min discussion</i>	Kelvin Droegemeier, OSTP Director
12:15 PM	Working Lunch Available outside Meeting Room	
1:15 PM	Update from NASA Human Exploration Mission Directorate <i>20 min talk / 25 min discussion</i>	Bill Gerstenmaier (TBC), NASA Associate Administrator for HEOMD
2:00 PM	Update on NASA Space Technology Mission Directorate <i>20 min talk / 25 min discussion</i>	James Reuter, NASA Associate Administrator for STMD
2:45 PM	Space Technology Industry-Government-University Roundtable <i>20 min talk / 10 min discussion</i>	Wanda Sigur, STIGUR Chair
3:15 PM	Short Break	
3:30 PM	Update from the Department of Commerce Office of Space Commerce <i>25 min talk / 20 min discussion</i>	Kevin O'Connell, OSC Director
4:15 PM	Update from FAA Commercial Space Transportation <i>25 min talk / 20 min discussion</i>	Wayne Monteith, FAA/AST Associate Administrator
5:00 PM	Short Break	
EXECUTIVE SESSION		
5:15 PM	Committee Discussions	
8:30 PM	ASEB Meeting Adjourns SSB Meeting Adjourns for the Day	

**SPRING 2019 MEETING OF THE
SPACE STUDIES BOARD (178th Meeting)
Wednesday May 1, 2019
Keck Center, 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)**

DRAFT AGENDA

EXECUTIVE SESSION		
8:00 AM	Committee Discussions	
8:45 AM	Short Break	
OPEN SESSION		
9:00 AM	Welcome and Introduction of Members and Attendees	Jim Crocker, SSB Vice-Chair
9:15 AM	Update and Discussion of NASA Science <i>30 min Presentation and 45 min Discussion</i>	Thomas Zurbuchen Associate Administrator for NASA SMD
10:30 AM	Short Break	
10:45 PM	Updates from NASA SMD Division Directors <i>15 min Presentations and 45 min Discussion</i>	NASA SMD Division Directors
	<ul style="list-style-type: none"> • Astrophysics Division • Earth Science Division • Heliophysics Division • Planetary Science Division 	Paul Hertz, Astrophysics Director Sandra Cauffman, Acting Earth Science Director Nicola Fox, Heliophysics Director Lori Glaze, Acting Planetary Science Director
12:30 PM	Working Lunch Available outside Meeting Room	
1:30 PM	Updates from SSB/ASEB Discipline Committees <i>15 min Presentations and 30 min Discussion</i>	Discipline Committee Chairs
	<ul style="list-style-type: none"> • Committee on Planetary Science • Committee on Astronomy and Astrophysics • Committee on Biological and Physical Sciences in Space • Committee on Earth Science and Applications from Space • Committee on Solar and Space Physics 	Christopher House and William McKinnon, Co-Chairs Steven Ritz and Vicki Kalogera, Co-Chairs (TBC) and Robert Ferl, Co-Chairs Chelle Gentemann and Steven Running, Co-Chairs Sarah Gibson and Maura Hagan, Co-Chairs
3:15 PM	Break	
3:45 PM	Panel on Lunar Space Science and Exploration	
	<ul style="list-style-type: none"> • NASA • (TBC) 	Jim Green, NASA Chief Scientist (TBC)
5:00 PM	European Space Science Committee (ESSC) Briefing	Athena Coustenis and Nicolas Walter, ESSC
5:30 PM	Meeting Adjourns for the Day – Evening Free	

Thursday May 2, 2019

EXECUTIVE SESSION		
8:00 AM	Committee Discussions	
1:00 PM	Meeting Adjourns	