

AERONAUTICS AND SPACE ENGINEERING

50 YEARS: 1967-2017



SPRING 2018 MEETING OF THE AERONAUTICS AND SPACE ENGINEERING BOARD (161st Meeting—Day 1)

Monday—April 30, 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

8:45 AM Committee Discussion

9:45 AM Short Break

OPEN SESSION

- 10:00 AM **Update on and discussion of ARMD Program** *Jaiwon Shin, NASA*
30 min Presentation and 30 min Discussion
- Urban Air Mobility: Aeronautics Roundtable and Proposed Study
- 11:00 AM **Follow Up Discussion on Aero 2050** *Alan Epstein, Chair*
30 min Discussion
- What issues stood out for each session moderator?
 - What issues might the board organize into studies or workshops?
- 11:30 AM **DARPA Aerospace Programs - Tactical Technology Office** *Fred Kennedy, DARPA-TTO*
30 min Presentation and 15 min Discussion
- 12:15 PM **Working Lunch (informal discussions continue over lunch)**
- 1:00 PM **DOD Aerospace R&D Priorities and Issues** *Under SecDef for Research and Engineering TBC*
30 min Presentation and 30 min Discussion
- 2:00 PM **Short Discussion on Planned DOE-sponsored study on gas turbines** *Alan Angleman, ASEB Staff*
- 2:15 PM **BREAK**
- 2:45 PM **FAA Panel Discussion** *Dan Elwell, FAA*
Ali Bahrami, FAA
Pamela Whitley, FAA
Kelvin Coleman, FAA
Acting Administrator
Associate Administrator for Aviation Safety
Acting Assistant Administrator for NextGen
Acting Associate Administrator for Commercial Space Transportation
15 min Presentations Followed by 30 minute Panel Discussion
- 4:20 PM **Short Break**

CLOSED EXECUTIVE SESSION

4:30 PM Committee Discussion

6:15 PM Adjourn

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**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		
8:45 AM	Committee Discussion	
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"> • Introduction • NASA Orbital Debris Program • Debris Tracking • Debris in GEO • Policy 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	
5:20 PM	Public Session Adjourns and Short Break	
CLOSED EXECUTIVE SESSION		
5:30 PM	Committee Discussion	
6:00 PM	Adjourn	

Evening Activities by Invitation Only