

SPACE STUDIES BOARD



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185th Meeting

November 15-17, 2022

Fall Hybrid Meeting

NAS Beckman Center, 100 Academy Way, Irvine, California 92617

ALL TIMES IN US PACIFIC STANDARD TIME (UTC-8:00)

PUBLIC AGENDA

TUESDAY, NOVEMBER 15, 2022

OPEN SESSION

Livestream Link: <https://vimeo.com/event/2571621>

9:30 AM	Welcome and Introductions	<i>Dr. Margaret Kivelson, SSB Chair</i>
9:35 AM	Update and Discussion with NASA Science Mission Directorate (SMD) (40 minute presentation & 30 minute discussion)	<i>Dr. Michael New, Deputy Associate Administrator SMD, NASA</i>
10:45 AM	<i>Break (15 minutes)</i>	
11:00 AM	Update on Progress since the 2017 Earth Science and Applications from Space Decadal Survey (30 minute presentation & 25 minute discussion)	<i>Dr. Karen St. Germain, Division Director Earth Science Division, SMD, NASA</i>
12:00 PM	<i>Working Lunch (60 minutes)</i>	
1:00 PM	Update from the Committee on Astronomy & Astrophysics and briefing of the CAA Nancy Grace Roman Telescope Report (25 minute presentation & 20 minute discussion)	<i>Dr. Thomas Greene / Dr. Christopher McKee CAA Co-Chairs</i>

- 1:45 PM** **Update from the Committee on Earth Science and Applications from Space (CESAS)**
(10 minute presentation & 5 minute discussion) *Dr. Everette Joseph / Dr. Steven Running*
CESAS Co-Chairs
- 2:00 PM** **Update from the Committee on Astrobiology and Planetary Science (CAPS)**
(10 minute presentation & 5 minute discussion) *Dr. Marty Gilmore / Dr. Christopher House*
CAPS Co-Chairs
- 2:15 PM** **Update from the Committee on Planetary Protection and briefing of the CoPP Small Bodies Report**
(25 minute presentation & 20 minute discussion) *Mr. Joseph Alexander / Dr. Amanda Hendrix*
CoPP Co-Chairs
- 3:00 PM** **Update from the Committee on Biological Physical Sciences in Space (CBPSS)**
(10 minute presentation & 5 minute discussion) *Dr. Douglas Matson / Dr. Dava Newman*
CBPSS Co-Chairs
- 3:15 PM* *Open Session Adjourns*

WEDNESDAY, NOVEMBER 16, 2022

OPEN SESSION

Livestream Link: <https://vimeo.com/event/2578139>

9:00 AM	Opening Remarks	<i>Dr. Margaret Kivelson, SSB Chair</i>
9:05 AM	Committee for Space Research (COSPAR) Update and Discussion (35 minute presentation & 20 minute discussion)	<i>Dr. Jean-Claude Worms, Executive Director COSPAR</i>
10:00 AM	Update on the Europa Clipper Mission (35 minute presentation & 20 minute discussion)	<i>Dr. Robert Pappalardo, Project Scientist Dr. Jordan Evans, Project Manager Europa Clipper, NASA-JPL</i>
10:55 AM	<i>Break (15 minutes)</i>	
11:10 AM	Science results from the James Webb Space Telescope (35 minute presentation & 20 minute discussion)	<i>Dr. Jane Rigby, Operations Project Scientist JWST, NASA-GSFC</i>
12:05 PM	<i>Working Lunch (55 minutes)</i>	
1:00 PM	Light from Darkness? Searching for Dark Matter in the Sky (35 minute presentation & 25 minute discussion)	<i>Dr. Tracy Slatyer, Associate Professor of Physics Massachusetts Institute of Technology</i>
2:00 PM	Briefing of the “Foundations Foundation for Assessing the Health and Vitality of the SMD Research Community” Report (35 minute presentation & 20 minute discussion)	<i>Gen. Charles Bolden, Jr. / Ms. Wanda Sigur Committee Co-Chairs</i>
2:55 PM	<i>Break (20 minutes)</i>	
3:15 PM	NASA Climate Science Perspective on July 2022 Heat Waves (25 minute presentation & 20 minute discussion)	<i>Dr. Steven Pawson, Chief, Global Modeling and Assimilation Office, NASA-Goddard</i>
4:00 PM	<i>Open Session Adjourns</i>	