

Committee on Biological and Physical Sciences in Space Fall 2023 Meeting

October 17-19, 2023

Hybrid Meeting

In Person at the NASEM Beckman Center, 100 Academy Way Irvine, CA

Online via Livestream

TUESDAY, OCTOBER 17, 2023

OPEN SESSION

Livestream Link: <https://vimeo.com/event/3771803>

[CLICK HERE TO JOIN](#)

9:00 AM **Thriving in Space: Decadal Survey Briefing** **Robert Ferl, University of Florida & Krystyn Van Vliet, Cornell University (virtual)**

Joint presentation with Aeronautics & Space Engineering Board

(35 minute presentation & 25 minute joint discussion period &

45 minute discussion period after returning to CBPSS Room)

[CLICK HERE](#) FOR VIRTUAL ACCESS TO THE JOINT PRESENTATION

10:45 AM *Break (15 minutes)*

11:00 AM **NASA BPS Division** **Lisa Carnell, NASA SMD BPS**
Vision for the Upcoming Year
Introduced by Douglas Matson & Jessica Scott
(30 minute presentation & 15 minute discussion period)

12:00 PM *Working Lunch for Members, Speakers, and Staff (90 minutes)*

1:30 PM **NASA BPS Space Biology Program** **Sharmila Bhattacharya, NASA SMD BPS**
Vision for the Upcoming Year
Introduced by Anna-Lisa Paul
(30 minute presentation & 15 minute discussion period)

2:15 PM **NASA BPS Physical Sciences Program** **Brad Carpenter, NASA SMD BPS**
Vision for the Upcoming Year
Introduced by Mo Kassemi
(30 minute presentation & 15 minute discussion period)

3:00 PM *Break (30 minutes)*

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- 3:30 PM** **NASA BPS Fundamental Physics Program
Vision for the Upcoming Year** **Mike Robinson, NASA SMD BPS**
Introduced by Clayton Simien (virtual)
(20 minute presentation & 10 minute discussion period)
- 4:00 PM** **NASA BPS Lunar Science Update** **Kevin Sato, NASA SMD BPS**
Introduced by Anna Balazs
(30 minute presentation & 15 minute discussion period)
- 4:45 PM** *Meeting Adjourns to Executive Session; Break (15 minutes)*

WEDNESDAY, OCTOBER 18, 2023

OPEN SESSION

Livestream Link: <https://vimeo.com/event/3771809>

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- 10:30 AM** **NASA HRP Space Radiation Element Status** **Janice Zawaski, NASA HRP (virtual)**
Introduced by Dennis Discher
(30 minute presentation & 15 minute discussion period)
- 11:15 AM** **Panel: Implementing Campaigns from Decadal Surveys**
(25 minute presentations & 15 minute discussion period)
Panel Introduced by: Ajay Agrawal
Panelists: **Jared Leisner, NASA SMD Heliophysics (virtual)**
 Bob Pappalardo, JPL
- 12:20 PM** *Working Lunch for Members, Speakers, and Staff (100 minutes)*
- 2:00 PM** **Panel: Enabling Research with Commercial Low Earth Platforms and Destinations**
(10 minute presentations & 30 minute discussion period)
Panel Introduced by: Jana Stoudemire
Panelists: **Alain Berinstain, Space Tango**
 Stefanie Countryman, BioServe
 Mary Lynne Dittmar, Axiom Space (virtual)
 Tara Ruttley, Blue Origin
 Ken Shields, Sierra Space (virtual)
 Brittani Sims, NASA (virtual)
- 3:30 PM** *Break (15 minutes)*

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3:45 PM **Panel: The Role of Private Astronaut Missions in BPS Research**
(15 minute presentations & 30 minute discussion period)

Panel Introduced by: Steven Collicott

Panelists: **Kevin Engelbert, NASA**
 Kathleen Karika, Virgin Galactic (virtual)

4:45 PM *Break (15 minutes)*

5:00 PM **NASA STMD Flight Opportunities Program** **Danielle McCulloch, NASA STMD (virtual)**
Introduced by Vijay Dhir
(30 minute presentation & 15 minute discussion period)

5:45 PM *Meeting Adjourns to Executive Session*