

Committee on Solar and Space Physics

September 24-26, 2024

Hybrid Meeting

In Person at the Beckman Center

100 Academy Way, Irvine, CA

Online via Zoom and Livestream

TUESDAY, SEPTEMBER 24, 2024

ALL TIMES PACIFIC

8:00 AM Committee Room Opens for Members; Breakfast Served in the Cafeteria

OPEN SESSION

<https://vimeo.com/event/4576447>

9:20 AM	Update from NOAA National Environmental Satellite, Data, and Information Service	Elsayed Talaat NOAA NESDIS
9:40 AM	Discussion with NOAA	
10:00 AM	Break (10 minutes)	
10:10 AM	Update from NSF Geospace Section	Mangala Sharma NSF Geospace Section
10:40 AM	Update from NSF Division of Astronomical Sciences	Carrie Black NSF Astronomical Sciences
11:00 AM	Discussion with NSF	
11:15 AM	Update on Parker Solar Probe	Nour Rawafi JHU APL
12:00 PM	Working Lunch for Members, Speakers, and Staff	
1:00 PM	ESA–NASA Lower Thermosphere-Ionosphere Science Report	Jeff Thayer University of Colorado Boulder
1:45 PM	Space Debris/Space Situational Awareness: Heliophysics Responsibilities and Research Plans	Reiner Freidel NASA Heliophysics Division

2:45 PM	Break	
3:00 PM	Update from NASA Heliophysics Division	Therese Moretto-Jorgensen NASA Heliophysics Division
3:45 PM	Discussion with NASA Heliophysics Division	
4:15 PM	Break	
4:30 PM	Heliophysics Coalition	Ian Cohen, JHU APL Gordon Emslie Michael Wiltberger
5:00 PM	Meeting Adjourns for the Day	
6:00 PM	Working Dinner for Committee Members	

WEDNESDAY, SEPTEMBER 25, 2024

OPEN SESSION

<https://vimeo.com/event/4576453>

- 8:00 AM Committee Room Opens for Members; Breakfast Served in the Cafeteria
- 9:00 AM **International Mission of Interest**
ESA-China SMILE Mission **Philippe Escoubet**
ESA SMILE Project Scientist
- 10:00 AM **Detecting Space Debris with Orbit-Driven Plasma Waves** **Paul Bernhardt**
University of Alaska
- 11:00 AM Break (15 minutes)

CLOSED SESSION

- 11:15 AM **Closed, committee-only discussion**
- 12:00 PM Working Lunch for Members, Speakers, Registered Guests, and Staff
Great Hall

OPEN SESSION

- 1:00 PM **Update from NOAA Space Weather Prediction Center** **Bill Murtagh**
NOAA
- 1:40 PM **Break to go to closed session**

CLOSED SESSION

- 2:00 PM **Closed, committee-only discussion**

OPEN SESSION

- 4:00 PM **International Mission of Interest**
Korea Aerospace Administration L4 Mission **Dr. Kyunsuk Cho, invited**
KASI
- 5:00 PM Adjourn for the day

THURSDAY, SEPTEMBER 26, 2024

OPEN SESSION

[HTTPS://VIMEO.COM/EVENT/4577379](https://vimeo.com/event/4577379)

9:00 AM USRA Space Science Advocacy

**Jeffrey Isaacson
USRA**

10:00 AM Break to go to closed session

CLOSED SESSION

10:30 AM Closed committee-only discussion

1:30 PM Meeting Adjourns

IMPORTANT NOTES

Presenters:

- Please do not include unpublished data, ITAR-controlled or sensitive information in your presentation.
- A National Academies Board staff member will ask you to sign a form before the meeting allowing us permission to use your likeness and presentation for our livestream video, which will be posted on our Board website after the meeting. Please get in touch with us before the meeting if you have any concerns about this usage.

Members and Presenters:

- Remote access will be provided through Zoom. This will allow you to participate in the meeting even if you can't be physically present.
- Please note that Zoom allows audio and any materials exchanged or viewed during the session to be recorded and shared.
- By participating in this activity, you agree to let your voice, likeness, and any materials you provide be recorded for use and dissemination. This includes any language, format, or media now known or later devised.
- You release the National Academies of Sciences, Engineering, and Medicine from any and all claims, liability, or damages arising from any such use. If you disagree, please do not join the session.

Members of the General Public:

- Remote access will be provided through a live stream on Vimeo. This will also be publicly available and posted on the Board website. You do not need to register.

Thank you all for your cooperation, and we look forward to a successful meeting.