

The National Academies of
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DIVISION ON ENGINEERING AND PHYSICAL SCIENCES
SPACE STUDIES BOARD

COMMITTEE ON SOLAR AND SPACE PHYSICS
Virtual Fall Meeting
October 12-13, 2021
Zoom connection info at the end of the agenda

Tuesday October 12, 2021

OPEN SESSION

8:30am PT/11:30am ET	Welcome and Committee Introductions	Tuija Pulkkinen and Maura Hagan, Co-Chairs
8:40am PT/11:40am ET	Update from NASA Heliophysics	Nicola Fox, NASA Heliophysics Division
9:10am PT/12:10pm ET	Discussion with NASA Heliophysics	
9:40am PT/12:40pm ET	Break	
10:30am PT/1:30pm ET	Update from NSF Geospace	Lisa Winter NSF Geospace Section
10:45am PT/1:45pm ET	Update from NSF Astronomical Sciences on Solar and Exoplanet Program Elements	David Boboltz/Carrie Black NSF Astronomical Sciences
10:55am PT/1:55pm ET	Discussion with NSF	
11:05am PT/2:05pm ET	Update from NOAA SWPC	Clinton Wallace, NOAA Space Weather Prediction Center
11:20am PT/2:20pm ET	Update from NOAA NESDIS	Elsayed Talaat, NESDIS Office of Projects, Planning, and Analysis
11:30am PT/2:30 pm ET	Discussion with NOAA	
11:40am PT/2:40pm ET	Break	

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12:30pm PT/3:30pm ET DoD Space Weather Science Activities
15-min presentations followed by
Q&A/discussion

Julie Moses,
Air Force Office of Scientific Research

Christoph Englert,
Naval Research Laboratory

Rachel Hock-Mysliwicz
Air Force Research Laboratory,
Space Vehicles Directorate

2:00pm PT/5:00pm ET Open Session of the Meeting Adjourns for
the Day, Committee Reconvenes in Closed
Session

CLOSED SESSION

2:00pm PT/5:00pm ET Closed, committee-only discussion

2:45pm PT/5:45pm ET Meeting Adjourns for the Day

Wednesday, October 13, 2021

OPEN SESSION

8:30am PT/11:30am ET PROSWIFT Updates

Alan Liu, NSF Geospace Section

Elsayed Talaat, NOAA NESDIS

Clinton Wallace, NOAA SWPC

Jim Spann, NASA

9:00am PT/12:00pm ET Observing the Sun with LOFAR

Pietro Zucca,
Netherlands Institute for
Radio Astronomy

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10:00am PT/1:00pm ET	Break	
10:30am PT/1:30pm ET	Panel on Mentoring in Space Mission Teams	Bea Gallardo-Lacourt, Craig DeForest, and Sarah Gibson NASA PUNCH Mission Lynn Kistler and Jamie Rankin NASA IMAP Mission
11:30am PT/2:30pm ET	Overview of the International Solar and Space Physics Science Landscape as Seen by COSPAR	Lennard Fisk, University of Michigan
12:30pm PT/3:30pm ET	Break	
1:00pm PT/4:00pm ET	Additional Discussion of Open Topics	Committee and Guests
1:45pm PT/4:45pm ET	Open Session of the Meeting Adjourns, Committee Reconvenes in Closed Session	

CLOSED SESSION

1:45pm PT/4:45pm ET	Closed, committee-only discussion
2:30pm PT/5:30pm ET	Meeting Adjourns

GENERAL NOTES

The following information is provided for any members of the general public who may be in attendance:

This meeting is being held to gather information to help the committee in its charge. This committee will examine the information and material obtained during this, and other public meetings, in an effort to inform its work. Although opinions may be stated and lively discussion may ensue, no conclusions are being drawn nor will recommendations be made. Observers who draw conclusions about the committee's work based on this meeting's discussions will be doing so prematurely.

Furthermore, individual committee members often engage in discussion and questioning for the specific purpose of probing an issue and sharpening an argument. The comments of any given committee member may not necessarily reflect the position he or she may actually hold on the subject under discussion, to say nothing of that person's future position as it may evolve in the course of the project. Any inference about an individual's position are therefore also premature.

NOTES FOR PRESENTERS

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If your presentation contains unpublished data, ITAR controlled and/or other sensitive information, please be aware that the open sessions at the meeting may be recorded and/or webcast. Presentation materials given to the committee may be posted on a publicly accessible website. Please edit your presentations accordingly.

At some point a staff member will be asking you to sign a consent form allowing us to use your presentation, specifically to post it on our website.

REMOTE CONNECTION DETAILS

Zoom Web Conference & Telecon Instructions

Join from a computer:

1. Click on the URL (below). A popup will appear that says “Open URL:Zoom Launcher;” Click the “Open” button and let Zoom load (may take a minute).
2. Once loaded, Zoom will automatically display another pop-up for the audio connection. Please click the “call me” tab and enter the phone number you would like to be called at (i.e. home, office, mobile). Click “Call me” and follow the prompts.

Join from a mobile device:

1. Download the Zoom app from your phone’s app store (if you don’t have it installed already).
2. Click on the URL (below), or open the Zoom app and enter the Meeting ID: (below), and press join. Enter your name if requested.
3. The Zoom app will automatically display a pop-up window for the audio connection. Select the “Call my Phone” option from the menu, enter your phone number, press call, and follow any prompts.

Join by phone only:

1. Connection quality is much better via Zoom’s “Call me” feature from the webconference, so we strongly recommend that you connect this way.
2. If you are not able to do so, you can dial 1-877-853-5257 (Toll Free) and enter the Meeting ID: (below). International numbers are available at:

https://nasem.zoom.us/join?m=dm0fun9LyXrhECcUWQt2Wwdh_9TURhXG

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Topic	Time	Meeting ID/ Passcode	Join URL
TUESDAY, October 12			
Open Session	11:30am – 5:00pm ET	919-2224-0776 221664	https://nasem.zoom.us/j/91922240776
WEDNESDAY, October 13			
Open Session	11:30 am – 4:45pm ET	919-2224-0776 221664	https://nasem.zoom.us/j/91922240776