

SPACE SCIENCE WEEK

The National
Academies of

SCIENCES
ENGINEERING
MEDICINE



SPACE SCIENCE WEEK
SPRING 2017 MEETING OF THE COMMITTEE ON SOLAR AND SPACE PHYSICS
March 28-30, 2017
NAS Building – 2101 Constitution Ave NW – Washington D.C

Tuesday March 28, 2017

7:30 a.m. *Registration opens and breakfast is available in the Great Hall*

MORNING PARALLEL BREAK-OUT SESSION
COMMITTEE ON SOLAR AND SPACE PHYSICS (CSSP) – Room 120

OPEN SESSION

- 10:45 AM** **Update from NOAA Space Weather Prediction Center** **Howard Singer, NOAA**
- 11:15 AM** **Update on the Implementation of the National Space Weather Action Plan** **Bill Murtagh, NOAA
(via WebEx)**
- 12:00 PM** *Lunch will be available in the Great Hall*

PLENARY SESSION
Auditorium – NAS Building

Moderator: Michael Moloney, SSB Director

- 1:00 PM** **Welcome and Overview of Current Activities** **Sarah Gibson, SSB Executive Committee
Jim Lancaster, BPA Director**
- 1:15 PM** **NASA-SMD Budget, Program, and Priorities** **Thomas Zurbuchen, NASA**
Presentation 20 mins / Q&A 25 mins

Focus Session on The Discovery Frontiers of Data Analytics in Space Science

Moderator: Sarah Gibson, SSB member

- 2:00 PM** **Short 15-minute Talks From Space Science Disciplines** **Lea Shanley, University of North Carolina
Barbara J. Thompson, NASA GSFC**
- 2:45 PM** **Moderated Discussion include Q&A with all
Standing and Discipline Committee members in attendance**
- 3:30 PM** *Break Available in the Great Hall*

Focus Session on International Programs

Moderator: Michael Moloney, SSB Director

- 4:00 PM** **Russian Space Science Program** **Lev Zelenyi, Russian Academy of Sciences**

Chinese Space Science Program
Europe's Space Science Program

Chi Wang, Chinese Academy of Sciences
Athena Coustenis, European Space Sciences Committee

5:45 PM Closing Comments

6:00 PM *Public Meeting Adjourns*

Wednesday March 29, 2017

COMMITTEE ON SOLAR AND SPACE PHYSICS (CSSP) – Room 120

7:30 AM *Registration opens and breakfast available in the Great Hall*

OPEN SESSION

9:00 AM Briefing of *Assessment of the NSF's 2015 Geospace Portfolio Review* Timothy Bastian, NRAO

9:30 AM Update from NSF Geospace Section Therese Moretto-Jorgensen, NSF

10:30 AM *Break food available outside room*

10:45 AM Update from NASA Heliophysics Division Steven Clarke, NASA

11:30 AM Update on DKIST David Boboltz, NSF

12:00 PM General Discussion
Lunch available in the Great Hall

Focus session on DRIVE implementation planning and consideration of a CSSP report on Heliophysics Science Centers

1:00 PM NASA DRIVE Implementation plan Steven Clarke, NASA

1:30 PM NSF Physics Frontiers Centers Denise Caldwell, NSF

2:00 PM Virtual Institutes – The NASA Astrobiology Institute Penelope Boston, NASA (via WebEx)

2:30 PM Discussion of NASA/NSF Heliophysics Science Centers NASA, NSF, Committee, and Guests

3:30 PM *Break available outside room*

Closed Session 3:45-5:30

OPEN SESSION

7:00 PM Plenary Public Talk - *The Search for Life in Oceans Beyond Earth* Kevin Hand, JPL

Thursday March 30, 2017

COMMITTEE ON SOLAR AND SPACE PHYSICS (CSSP) – Room 120

The committee will be meeting in closed session.

GENERAL NOTES

Pre-registration: All participants, including committee members, invited speakers and other attendees, are strongly encouraged to preregister at <http://www.surveygizmo.com/s3/3260581/SSW2017>.

Registration will be located in the Great Hall during the event. Please check-in there to receive your badge.

NAS Building: Is located at 2101 Constitution Ave., NW, between the State Department and the Vietnam Veterans Memorial. Additional information about the NAS Building is available at <http://www.nationalacademies.org/about/contact/nax.html>.

Wi-Fi Connection: To connect to the Wi-Fi chose “Visitor Network” then open up a browser and click “Accept terms and conditions.” You will then be connected to the internet.

Metro: The closest Metro station (0.5 miles) is Foggy Bottom (Blue and Orange lines; exit and turn right, then turn left once you have passed the State Department).

Parking: Very limited parking is available onsite at the NAS. The 22 available parking spaces are first come first served. Other possible parking options are as follows:

- PMI (Columbia Plaza) – 2400 Virginia Avenue, NW.
- Colonial Parking – 515 20th Street, NW. Phone (202) 296-5700.
- GW Elliot School Garage is located near the Department of Interior at 1957 E Street NW.

Space Science Week Website: http://sites.nationalacademies.org/SSB/SSB_177653

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.

RECORDING OF THE MEETING

This meeting will be recorded by the NRC. Please be aware that by attending the meeting, you consent to your voice being recorded for use by the NRC for the purpose of note-taking. This recording will not be publicly released, shared outside of the NRC, or used for other public purposes.

NOTES FOR PRESENTERS

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.

Mac users should assume that their presentation will be displayed via one of the NRC’s PCs. If your presentation is graphics heavy and best displayed via your own laptop, you should also bring a plain-vanilla pdf version of your presentation with you. The audience in the meeting room will see your presentation via your laptop and we will webcast the pdf file.

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

WebEx & Telecon Instructions:

1. Click on the url (below).
2. Enter your name and email address (you will not be spammed) and click “Join Meeting”
3. Let WebEx load (may take a minute); once loaded, WebEx will immediately and automatically provide you a pop-up window to enter the phone number you would like to be called at (i.e. home, office, mobile) to join the telecon. Enter your phone number and click “Call me” and follow the prompts.
4. Enter the Meeting Password (below)
5. Teleconference only: Connection quality is much better via WebEx’s “Call me” feature, so we strongly recommend that you connect this way. If you are not able to do so, you can dial 1-866-668-0721 and enter the conference code (below).

Tuesday, March 28 – Open Session 10:45 am to 12:00 pm

Meeting Name: CSSP SSW Day 1- Open

Meeting Password: openspace2017

Conference Code: 410 356 8429

Url: <https://nationalacademies.webex.com/nationalacademies/j.php?MTID=ma8500524a9083cb32da0339299594e63>

Tuesday, March 28 – Plenary Open Session 1:00 pm to 6:00 pm

Meeting Name: SSW Plenary Session

Meeting Password: SSWPS2017

Conference Code: 255 641 6641

Url: <https://nationalacademies.webex.com/nationalacademies/j.php?MTID=m588cb8cc2fc4f64c978c7b129a01317a>

Wednesday, March 29 – Open Session 9:00 am to 3:30 pm

Meeting Name: CSSP SSW Day 2- Open

Meeting Password: openspace2017

Conference Code: 410 356 8429

Url: <https://nationalacademies.webex.com/nationalacademies/j.php?MTID=m544c1b554b7f3ac04b5b0e5b11d971e0>