

**Spring 2023 Meeting of the Committee on Solar and Space Physics**

March 28-30, 2023

**In Person and Virtual Meeting**  
National Academy of Sciences Building  
2101 Constitution Avenue, Washington, DC

**TUESDAY, MARCH 28, 2023**

**PLENARY OPEN SESSION**  
**Introductions and JWST Science Update**

Public Livestream link: <https://vimeo.com/event/2973366>

<b>11:00 AM</b>	<b>Introductions</b>	<b>Dr. Margy Kivelson</b> <i>SSB Chair</i>
<b>11:05 AM</b>	<b>Panel: JWST Science Update</b> (15-minute presentation each and 15-minute discussion) <b>Moderator:</b> <i>Dr. Colleen Hartman, SSB Director</i> <b>Panelists:</b> <i>Dr. Tommaso Treu, University of California, Los Angeles via Zoom</i> <i>Dr. Steven Finkelstein, The University of Texas at Austin via Zoom</i> <i>Dr. Thomas Greene, NASA Ames Research Center</i>	
<b>12:00 PM</b>	<b>Lunch in the Great Hall</b> (60-minute break; additional seating in the East and West Courts)	
<b>12:00 PM</b>	<b>Lunch in the Great Hall</b> (60-minute break; additional seating in the East and West Courts)	

**NASA, NSF, and NOAA Science Program Update**

<b>1:00 PM</b>	<b>Welcome</b>	<b>Dr. Margy Kivelson</b> <i>SSB Chair</i>
<b>1:05 PM</b>	<b>Address by NASA Associate Administrator</b> (20-minute address)	<b>Mr. Bob Cabana</b> <i>NASA Associate Administrator</i>
<b>1:25 PM</b>	<b>NASA Science Mission Directorate (SMD) Overview</b> (30-minute presentation and 30-minute discussion)	<b>Dr. Nicky Fox</b> <i>Assoc. Administrator, NASA-SMD</i>
<b>2:25 PM</b>	<b>National Science Foundation (NSF) Science</b>	<b>Dr. Sean Jones, Director, Directorate for</b>

ALL TIMES IN US EASTERN DAYLIGHT TIME (UTC-4:00)  
This agenda was last updated on 3/24/2023 3:16 PM

**Program Update**

(20-minute presentation and 10-minute discussion)

*Mathematical and Physical Sciences, NSF*

**2:55 PM National Oceanic and Atmospheric Administration (NOAA) Update**

(20-minute presentation and 10-minute discussion)

*Dr. Michael Morgan,  
Asst. Secretary of Commerce for Environmental  
Observation and Prediction, Dept. of Commerce*

*3:25 PM Break*

*(15-minute break)*

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**International Partners' Presentations**

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**3:40 PM European Space Agency (ESA) Program Science Highlights**

(15-minute presentation and 10-minute discussion)

*Dr. Carole Mundell, Director of Science, ESA  
Dr. Gaitee Hussain, Head of Science Division, ESA*

**4:05 PM Japanese Aerospace Exploration Agency (JAXA) Science Highlights**

(15-minute presentation and 10-minute discussion)

*Dr. Masaki Fujimoto  
Deputy Director General, JAXA*

**4:30 PM Chinese National Space Science Center (NSSC) Science Highlights**

(15-minute presentation and 10-minute discussion)

*Dr. Chi Wang, Director-General, NSSC  
Chinese Academy of Sciences*

**4:55 PM South Korean Science Highlights**

(15-minute presentation and 10-minute discussion)

*Dr. Young Deuk Park, President,  
Korean Astronomy and Space Science Institute*

**5:20 PM Indian Space Research Organization Science Highlights**

(15-minute presentation and 10-minute discussion)

*Mr. Krunal Joshi, Counsellor, Space,  
Embassy of India*

*5:45 PM Break*

*(15-minute break)*

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**Special Session on NASA's Artemis Program**

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**6:00 PM Panel: How Science is Managed within the Artemis Program**

(5-minute presentation each and 40-minute discussion)

**Moderator:** *Dr. Colleen Hartman, SSB Director*

**Panelists:** *Dr. Jack Burns, U. Colorado*

*Dr. Brett Denevi, JHU-APL*

*Mr. Jim Free, NASA-ESDMD*

*Dr. Joel Kearns, NASA-SMD*

*7:00 PM Plenary Session Adjourns for the Day*

## WEDNESDAY, MARCH 29, 2023

### OPEN SESSION

Public Livestream link: <https://vimeo.com/event/2973303>

9:40 AM	Welcome	<i>James Clemmons, CSSP Chair</i>
9:45 AM	Update from NASA Heliophysics	<i>Peg Luce and Nicole Rayle NASA Heliophysics Division</i>
10:25 AM	Discussion with NASA Heliophysics	
10:55 AM	Break	
11:10 AM	Update from NSF Geospace	<i>Alan Liu, NSF Geospace Section</i>
11:40 AM	Update from NSF Astronomical Sciences on Solar and Exoplanet Program Elements	<i>Carrie Black, NSF Astronomical Sciences</i>
12:00 PM	Discussion with NSF	
12:15 PM	Lunch	
1:15 PM	Update from NOAA SWPC	<i>Michele Cash, NOAA Space Weather Prediction Center</i>
1:35 PM	Update from NOAA NESDIS	<i>Elsayed Talaat, NESDIS Office of Projects, Planning, and Analysis</i>
1:55 PM	Discussion with NOAA	
2:15 PM	U.S. Geological Survey geoelectromagnetic monitoring, surveying, modeling, and analysis for scientific investigation and hazard estimation and mapping	<i>Jeffrey Love, Anna Kelbert, USGS</i>
2:45 PM	Break	
3:00 PM	Interdisciplinary/Interagency Coordination Updates	<i>CSSP Committee Agency Guests</i>
4:00 PM	Update on the Decadal Survey for Solar and Space Physics (Heliophysics)	<i>Stephen Fuselier, SwRI Robyn Millan, Dartmouth College Decadal Survey Co-Chairs</i>
4:45 PM	Space Weather Centers of Excellence and Space Weather Grand Challenge	<i>Jim Spann, Jamie Favors, NASA Heliophysics Division</i>
5:30 PM	CSSP Adjourns for the Day	

### Keynote Space Science Week Public Lecture

Public Livestream Link: <https://vimeo.com/event/2973372>

7:00 PM	An Infinity of Worlds: Cosmic Inflation and the Beginning of the Universe	<i>Dr. William Kinney Professor, Dept. of Physics University of Buffalo</i>
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**THURSDAY, MARCH 30, 2023**

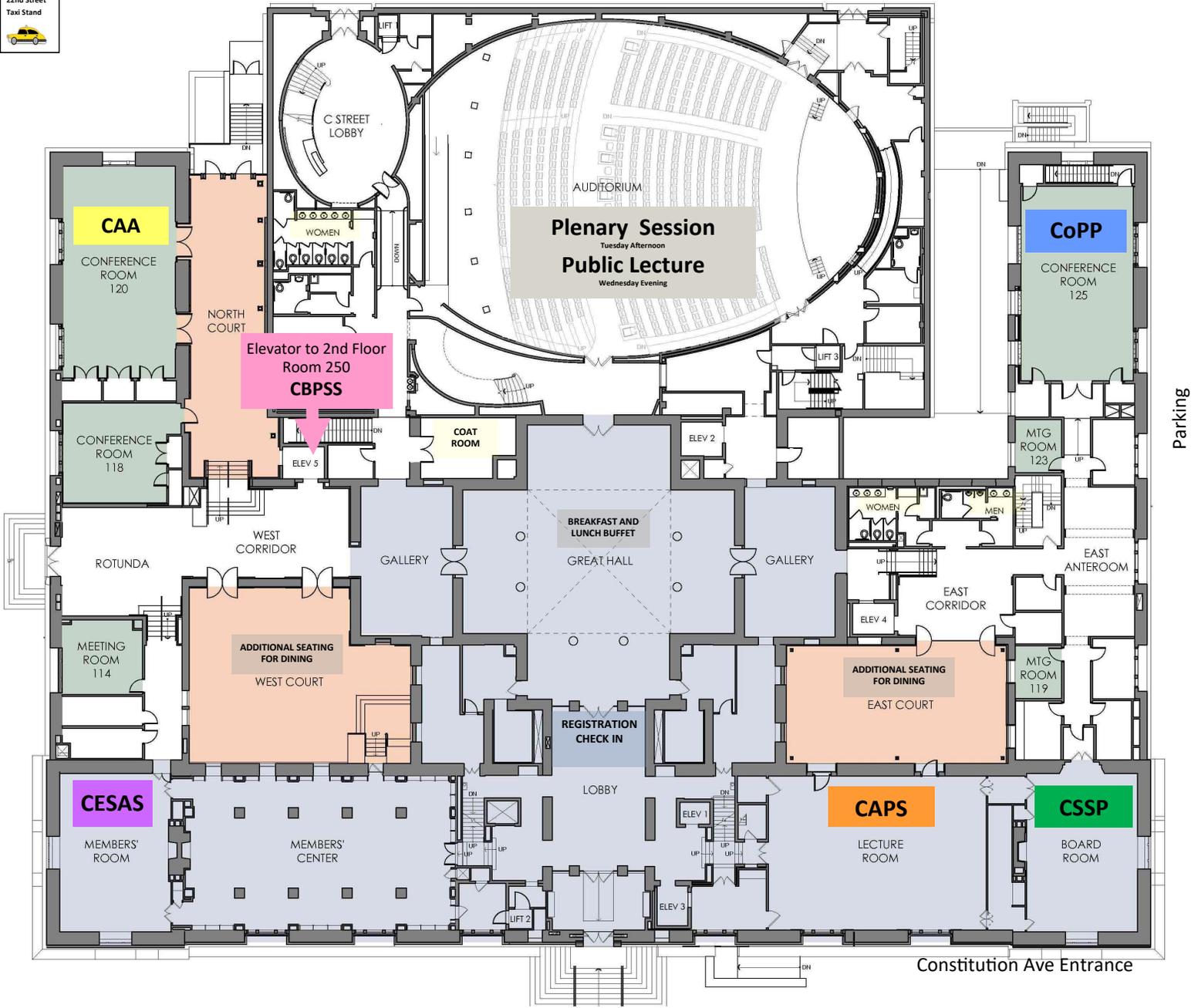
**OPEN SESSION**

Public Livestream link: <https://vimeo.com/event/2973308>

8:00 AM	Breakfast available	
9:00 AM	NASA Budget Primer	<i>Holly Degn, NASA Science Mission Directorate</i>
9:45 AM	Update on NASA DRIVE Centers	<i>Janet Kozyra, NASA Heliophysics Division</i>
10:30 AM	Break	
11:00 AM	An Overview of Big Bear Solar Observatory - Challenge and Opportunity	<i>Wenda Cao, New Jersey Institute of Technology</i>
11:45 PM	Lunch	
12:45 PM	Additional discussion of any open topics, if needed	<i>Committee and Guests</i>
1:15 PM	Adjourn Open Session CSSP will break to reconvene in Closed Session	

***In-person attendees please note:*** To support preventing the infection and spread of the COVID-19 virus, and as an integral measure towards the safety and health of everyone in our buildings, the National Academies requires all visitors to our facilities to be up-to-date on vaccinations against COVID-19 per CDC guidance. Each person must show their official vaccination card or a digital photo of the card before they will be allowed to enter the building. Those with up-to-date vaccinations may choose to wear a mask in our facilities.

C Street Entrance



Constitution Ave Entrance



March 28-30, 2023

CAA	Room 120
CAPS	Lecture Room
CBPSS	Room 250
CESAS	Member's Room
CoPP	Room 125
CSSP	Board Room