

SPACE SCIENCE WEEK 2023

Spring 2023 Meeting of the Committee on Earth Science and Applications from Space

March 28-30, 2023

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

TUESDAY, MARCH 28, 2023

PLENARY SESSION

Introductions and JWST Science Update

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

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| 11:00 AM | Introductions | <i>Dr. Margy Kivelson</i>
<i>SSB Chair</i> |
| 11:05 AM | Panel: JWST Science Update
(15-minute presentation each and 15-minute discussion)
Moderator: <i>Dr. Colleen Hartman, SSB Director</i>
Panelists: <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> | |
| 12:00 PM | <i>Lunch in the Great Hall</i>
(60-minute break; additional seating in the East and West Courts) | |

OPEN SESSION – CESAS

Public Livestream link: <https://vimeo.com/event/2973263>

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| 1:00 PM | Update from NOAA | <i>Dr. Steve Volz</i>
Assistant Administrator for NOAA's Satellite and Information Service |
| 2:00 PM | Committee rejoins plenary sessions already in progress | |

Plenary Sessions—Auditorium

NASA, NSF, and NOAA Science Program Update

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

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| 1:00 PM | Welcome | <i>Dr. Margy Kivelson</i>
<i>SSB Chair</i> |
| 1:05 PM | Address by NASA Associate Administrator
(20-minute address) | <i>Mr. Bob Cabana</i>
NASA Associate Administrator |

ALL TIMES IN US EASTERN DAYLIGHT TIME (UTC-4:00)
This agenda was last updated on 3/24/2023 3:23 PM

1:25 PM	NASA Science Mission Directorate (SMD) Overview (30-minute presentation and 30-minute discussion)	Dr. Nicky Fox <i>Assoc. Administrator, NASA-SMD</i>
2:25 PM	National Science Foundation (NSF) Science Program Update (20-minute presentation and 10-minute discussion)	Dr. Sean Jones, Director, Directorate for 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, <i>Asst. Secretary of Commerce for Environmental Observation and Prediction, Dept. of Commerce</i>
3:25 PM	<i>Break</i> (15-minute break)	

International Partners' Presentations

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 <i>Deputy Director General, JAXA</i>
4:30 PM	Chinese National Space Science Center (NSSC) Science Highlights (15-minute presentation and 10-minute discussion)	Dr. Chi Wang, Director-General, NSSC <i>Chinese Academy of Sciences</i>
4:55 PM	South Korean Science Highlights (15-minute presentation and 10-minute discussion)	Dr. Young Deuk Park, President, <i>Korean Astronomy and Space Science Institute</i>
5:20 PM	Indian Space Research Organization Science Highlights (15-minute presentation and 10-minute discussion)	Mr. Krunal Joshi, Counsellor, Space, <i>Embassy of India</i>
5:45 PM	<i>Break</i> (15-minute break)	

Special Session on NASA's Artemis Program

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	<i>Plenary Session Adjourns for the Day</i>

WEDNESDAY, MARCH 29, 2023

OPEN SESSION

Public Livestream link: <https://vimeo.com/event/2973269>

9:50 AM	Continuity of GRACE FO Mass Change Measurement	Dr. Byron Tapley, UT Austin
10:30 AM	Update from NASA Earth Science	Dr. Karen St. Germain Director, NASA Earth Science Division
12:00 PM	Lunch	
1:00 PM	Overview of Greenhouse Gas Monitoring & Measurement Interagency Working Group	Ms. Grace Hu, OMB
1:30 PM	Monitoring the Carbon Cycle Dr. George Hurtt, Science Team Leader of the NASA Carbon Monitoring System, Univ. of Maryland	
2:30 PM	CESAS Meeting Adjourns to Closed Session	

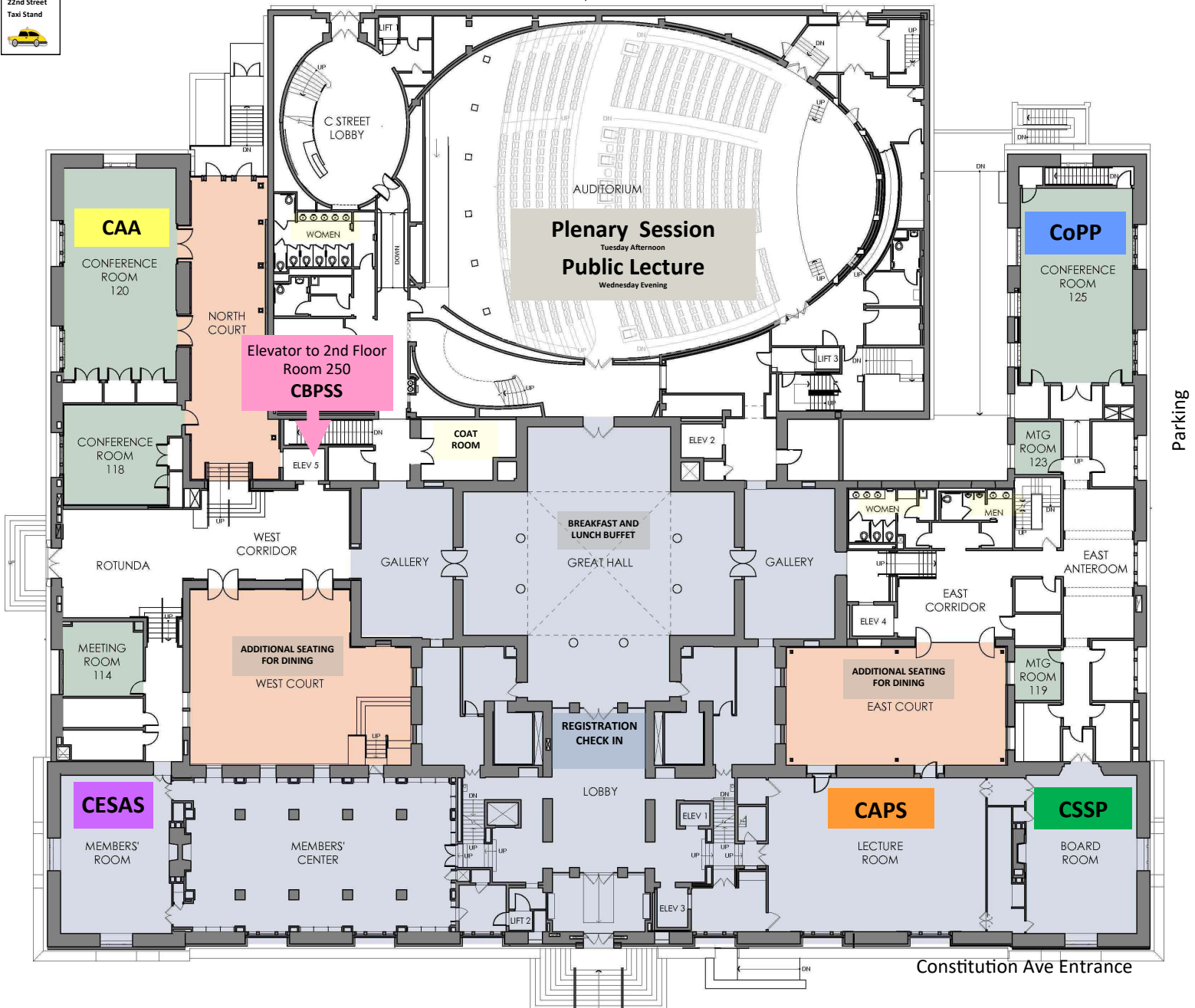
Keynote Space Science Week Public Lecture

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

7:00 PM	An Infinity of Worlds: Cosmic Inflation and the Beginning of the Universe	Dr. William Kinney Professor, Dept. of Physics University of Buffalo
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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



March 28-30, 2023

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