

# SPACE SCIENCE WEEK

The National  
Academies of

SCIENCES  
ENGINEERING  
MEDICINE



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## SPACE SCIENCE WEEK

### SPRING 2018 MEETINGS OF THE STANDING/DISCIPLINE COMMITTEES OF THE SPACE STUDIES BOARD

#### Outline Agenda

March 27-29, 2018

NAS Building – 2101 Constitution Ave NW – Washington D.C.

\*subject to change\*

#### Tuesday March 27, 2018

##### COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Room 125

Open Session is currently scheduled for 9:00am-12:15pm

**Topics include:**

Updates from NSF AST, DOE HEP, NSA responses to WIETR Report and Plans

##### COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE (CAPS) – Lecture Room

Open Session is currently scheduled for 8:30am-12pm

**Topics include:**

Updates from NASA Planetary Science Division, NASA Astrobiology Program, NSF Planetary Astronomy Program, Large Synoptic Survey Telescope

##### COMMITTEE ON BIOLOGICAL AND PHYSICAL SCIENCES IN SPACE (CBPSS) – Board Room

Open Session is currently scheduled for 9:00am-11am

**Topics include:**

SLPSRA Program Status

ASGSR and the Next Decadal Survey

##### COMMITTEE ON EARTH SCIENCE AND APPLICATIONS FROM SPACE (CESAS) – Members Room

Open Session is currently scheduled for 9:30am-12:00pm

**Topics include:**

Agency Updates from NASA Earth Science Division, NOAA NESDIS, PACE Mission

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

Open Session is currently scheduled for 9:00am-12pm

**Topics include:**

Updates from NASA Heliophysics Division, NAC Heliophysics Advisory Committee, NSF Geospace Section

#### PLENARY SESSION – Fred Kavli Auditorium

Lunch will be available in the Great Hall at 12:00 PM

Scheduled from 1pm-6pm

**Topics include:**

NASA-SMD Budget, Program, and Priorities

Focus Session on International Programs including ESA, NSSC, and JAXA

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## Wednesday March 28, 2018

### COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Board Room

Open Session is currently scheduled for 8:30am-2:45pm

#### Topics include:

Mathematical and Physical Sciences Directorate Update,  
Updates from the Astrophysics Division, Short Report Task, JWST Update  
Update on Discussion of Exoplanet Science Strategy Study  
Astro 2020 discussion  
    Brief Summary of AAS Town Hall 2018  
    Updates from Astro 2020 Consultation Group  
    Update on meeting of CATE experts  
    State of the Profession and the Survey  
    Early Career Astronomers Event  
Perspectives on NASA Mission Concept Study Process  
Discussion of Exoplanet Study

### COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE (CAPS) – Lecture Room

Open Session is currently scheduled for 8:30am-3:00pm

#### Topics include:

Science enabled by lunar exploration  
VEXAG  
Planetary Protection  
Europa Clipper and Lander Updates  
Advancing science of the moon  
Origins of Life

### COMMITTEE ON BIOLOGICAL AND PHYSICAL SCIENCES IN SPACE (CBPSS) – Room 125

Open Session is currently scheduled for 9am-5:30pm

#### Symposium Sessions include:

Human Health Is Pivotal for the Mission to Go to Mars  
Physical Processes and Technology for Exploration

### COMMITTEE ON EARTH SCIENCE AND APPLICATIONS FROM SPACE (CESAS) – Members Room

Open Session is currently scheduled for 10:00am-2:00pm and 2:45pm-5pm

#### Topics include:

Updates from ESA Earth Observation Department, USGS Land Remote Sensing Program, Earth Science Decadal Survey,  
Discussion with NASA/ESTO representatives

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

Open Session is currently scheduled for 9:30am-4:40pm

#### Topics include:

Updates from NOAA Space Weather Prediction Center, Chinese Activities in Solar and Space Science, NSF Astronomy and  
DKIST update, Earth Science Decadal Survey, SWORM Activities, Space Weather, Deep Space Gateway

### Public Lecture – Kavli Auditorium

7:00 PM      The Gravitational Wave Astronomical Revolution

Dr. David Reitze, Executive Director of the LIGO Project, CalTech

## Thursday March 29, 2018

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### COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Board Room Executive Session

The committee expects to be in executive session for the duration of the day.

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### COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE (CAPS) – Lecture Room Open Session is currently scheduled for 8:30am-10:00am

The committee expects to be in executive session for the duration of the day.

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### COMMITTEE ON BIOLOGICAL AND PHYSICAL SCIENCES IN SPACE (CBPSS) – Room 125 Executive Session

The committee expects to be in executive session for the duration of the day.

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### COMMITTEE ON EARTH SCIENCE AND APPLICATIONS FROM SPACE (CESAS) – Members Room Executive Session

The committee expects to be in executive session for the duration of the day.

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### COMMITTEE ON SOLAR AND SPACE PHYSICS (CSSP) – Room 120 Open Session is currently scheduled for 8:30am-10:30am

**Topics include:**

Discussions on Midterm study planning and topics for future CSSP meetings and short reports, Update on Parker Solar Probe and a Virtual Tour

**In addition to the open sessions listed above each committee may meet in closed or executive sessions as outlined in the detailed agenda for each committee.**

**Detailed agendas for each standing committee will be available at the following links:**

- [Committee on Astronomy and Astrophysics](#)
- [Committee on Astrobiology and Planetary Science](#)
- [Committee on Biological and Physical Sciences in Space](#)
- [Committee on Earth Science and Applications from Space](#)
- [Committee on Solar and Space Physics](#)

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### REMOTE CONNECTION INSTRUCTIONS

Will be provided later