

SPACE SCIENCE WEEK

The National
Academies of

SCIENCES
ENGINEERING
MEDICINE



This agenda was last updated on 3/26/2018 5:30 PM

SPACE SCIENCE WEEK

SPRING 2018 MEETING OF THE COMMITTEE ON ASTRONOMY AND ASTROPHYSICS

March 27-29, 2018

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

Tuesday March 27, 2018

**MORNING PARALLEL BREAK-OUT SESSION
COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Room 125**

7:30 AM *Registration Opens and Working Breakfast is Available in the Great Hall*

OPEN SESSION

9:00 AM	Welcome and Introductions	Marcia Rieke and Steven Ritz, Co-Chairs
9:15 AM	Update from NSF AST	Ralph Gaume, NSF
10:00 AM	Update from DOE HEP	Kathy Turner, DOE
10:30 AM	<i>Break Available Outside Room</i>	
10:45 AM	NASA Response to WIETR Report and Plans	Jeff Kruk, NASA
12:15 PM	<i>Working Lunch Available in the Great Hall</i>	

Tuesday March 27th, 2018

**PLENARY SESSION
Kavli Auditorium – NAS Building – 2101 Constitution Ave NW – Washington D.C**

Opening Session

1:00 PM	Welcome	Fiona Harrison, SSB Chair
1:05 PM	Quick Update on Current SSB Activities	Dick Rowberg, Interim SSB Director

Focus Session on NASA Science Program

1:15 PM	NASA-SMD Budget, Program, and Priorities <i>Presentation 20 mins / Q&A 25 mins</i>	Thomas Zurbuchen, NASA
----------------	--	-------------------------------

Focus Session on International Collaboration – Program Briefs

- 2:00 PM** **Short 15-minute Talks From Agency Representatives**
- **ESA Space Science – Fabio Favata, ESA-SCI**
 - **ESA Human and Robotic Exploration – David Parker, ESA-HRE**
 - **ESA Earth Observation Programs - Status and Future Challenges – Maurice Borgeaud, ESA-EO**
 - **Chinese Academy of Sciences: Current and Future Programs – Ji Wu, CAS National Space Science Center**
 - **JAXA Institute of Space and Astronautical Science – Hitoshi Kuninaka, JAXA-ISAS Deputy Director General**
 - **JAXA ISAS Research – Masaki Fujimoto, JAXA-ISAS Research**

3:30 PM *Break Available in the Great Hall*

Focus Session on International Programs – Discussion on Collaboration

4:00 PM **Personal Perspective on State of International Collaboration: Len Fisk, President of COSPAR**

4:15 PM **Moderated Q&A Sessions with NASA, COSPAR and International Agency Representatives**
Moderator: Fiona Harrison, SSB Chair

5:30 PM **Closing Comments: SSB Chair**

Public Meeting Adjourns

(Committee Members and Guests by Invitation Only)

6:00 PM *Reception in West Court*

7:00 PM *Working Dinner in the Great Hall*

Wednesday March 28, 2018

COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA)

Board Room

(NOTE: The Room location has changed)

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

OPEN SESSION

8:30 AM **Perspective from NSF Mathematical and Physical Sciences Directorate** **Anne Kinney, NSF**

9:00 AM **Updates from NASA Astrophysics Division, Short Report Task, & JWST Update** **Paul Hertz, NASA HQ**

10:15 AM *Break Available Outside Room*

10:30 AM **Continued Discussion**

11:00 AM **Astro2020 Discussion**

Brief Summary of AAS Town Hall 2018

Updates from Astro2020 Consultation Group

CATE Meeting of Experts

Report on Early Career Astronomers Event

Steve Ritz and Marcia Rieke

David Lang

David Lang

Emily Moravec, NAS Mirzayan Fellow

12:00 PM *Working Lunch Available in the Great Hall*

12:30 PM	Continued Astro2020 Discussion State of the Profession and the Survey	Megan Donahue, Dara Norman & Alex Rudolph (by phone)
1:00 PM	Continued Astro2020 Discussion	
2:00 PM	Perspectives on NASA Mission Concept Study Process	Steve Battel (by phone)
2:30 PM	General Updates Discussion of Exoplanet Study Staff Update	Bruce Macintosh & David Lang
2:45 PM	<i>Break</i>	

3:00 – 5:30 PM EXECUTIVE CLOSED SESSION

(Committee Members, Plenary Speakers, and Guests by Invitation Only)

5:30 PM *Buffet Working Dinner by Invitation in the West Court*

OPEN SESSION

Public Lecture – Kavli Auditorium

7:00 PM **The Gravitational Wave Astronomical Revolution**
Dr. David Reitze, CLOSED Director of the LIGO Project, CalTech

Thursday March 29, 2018

COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Board Room

EXECUTIVE CLOSED SESSION

9:00 AM – 12:00 PM

GENERAL NOTES

Pre-registration: All participants, including committee members, invited speakers and other attendees, are strongly encouraged to preregister at <http://www.surveygizmo.com/s3/4142600/07f04547401e>.

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 choose “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)—see <https://www.wmata.com/rider-guide/stations/foggy-bottom.cfm>.

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

- Columbia Plaza – 23rd and Virginia Avenue NW.
- Colonial Parking – 20th Street, NW, between E and F Streets.

Space Science Week Website: http://sites.nationalacademies.org/SSB/SSB_182835

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

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 NASEM'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

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 web conference, 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/j/361701634>

Topic	Time	Meeting ID	Join URL
<i>TUESDAY, March 27</i>			
CAA SSW Day 1 Open	9:00 AM	737-319-792	https://nasem.zoom.us/j/737319792
Space Science Week 2018 Plenary	1:00 PM	806-674-1884	https://nasem.zoom.us/j/8066741884
<i>WEDNESDAY, March 28</i>			
CAA SSW Day 2 Morning Open	8:30 AM	921 955 815	https://nasem.zoom.us/j/921955815
CAA SSW Day 2 Afternoon Open	1:00 PM	361 701 634	https://nasem.zoom.us/j/361701634

NOTICE: The Zoom service allows audio and any materials exchanged or viewed during the session to be recorded and shared. Please be aware that by participating in this activity, you consent to your voice, likeness, and any materials you provide, being recorded for use and dissemination, without payment of any compensation for such use, in any language, format, or media now known or later devised, and you release the National Academies of Sciences, Engineering, and Medicine from any and all claims, liability, or damages arising from any such use. The Academies will proceed in reliance upon such consent and release. If you do not consent to the foregoing, please do not join the session.