

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

DIVISION ON ENGINEERING AND PHYSICAL SCIENCES
SPACE STUDIES BOARD
BOARD ON PHYSICS AND ASTRONOMY

COMMITTEE ON ASTRONOMY AND ASTROPHYSICS
October 24 – 25, 2017

Beckman Center – 100 Academy Drive – Irvine, CA
Balboa Room

Tuesday, October 24, 2017

7:45 AM Gather in hotel lobby for carpool to Beckman

8:00 AM Meeting Room Opens (*Breakfast available in the Beckman Center Refectory*)

EXECUTIVE SESSION

9:00 AM **Committee Discussion**

OPEN SESSION¹

9:30 AM **Welcome and Meeting Overview** **Marcia Rieke and Steven Ritz, Co-Chairs**

9:45 AM **Brief General Updates, Preparations for the Next Decadal Survey**
(30 minutes each, incl. discussion)

Richard Green, NSF
Eric Linder, DOE
Paul Hertz, NASA

10:15 AM *Break*

10:30 AM **Continued Discussion of Previous Topic**

12:00 PM *Lunch available in the Beckman Center Refectory, committee discussion will continue*

1:00 PM **Update on JWST** **Eric Smith, NASA**

1:45 PM **AAS and AIP Astronomy Demographics Studies** **Rachel Ivie, AIP (via WebEx)**

2:30 PM *Break*

¹ WebEx access: (See Remote Connection details at the end of the agenda)

Focus Session: The Next Decadal Survey

3:00 PM	Brief Summary of Preparations and Activities <ul style="list-style-type: none">• Consultation Group• AAS Town Hall (January 2018)• Science White Paper Call• Decadal Planning Focus Document• AAS and AIP Astronomy Demographics• Cost and Technical Evaluation Meeting of Experts• Communications Plan	CAA Co-Chairs and Staff
4:00 PM	Discussion of the Next Decadal Survey	All
5:00 PM	<i>Adjourn for the day</i>	
5:15 PM	Return via carpool from Beckman to the hotel	
5:45 PM	Depart hotel for Bistango Restaurant	
6:00 PM	<i>Working Dinner at Bistango Restaurant</i> 19100 Von Karman Avenue, Irvine, CA	Committee, Staff, & Invited Guests
8:00 PM	<i>Adjourn for the day</i>	

Wednesday, October 25, 2017

7:20 AM Gather in hotel lobby for carpool to Beckman

7:30 AM Meeting Room Opens (*Breakfast available in the Beckman Center Refectory*)

OPEN SESSION²

8:30 AM **Developments with LISA and Athena** **Fabio Favata, ESA (via WebEx)**

9:00 AM **Results of the WFIRST Independent External Technical/Management/Cost Review (WIETR) Study** **Thomas Zurbuchen, AA, SMD, NASA**
Dan Woods, DD, SI&MD, NASA
Orlando Figueroa, WIETR Co-Chair
Peter Michelson, WIETR Co-Chair

10:30 AM *Break*

11:00 AM **Continued Discussion**

12:00 PM *Lunch available in the Beckman Center Refectory, committee discussion will continue*

EXECUTIVE SESSION

1:00 PM **Committee Discussion**

3:00 PM *Adjourn meeting*

² WebEx access: (See Remote Connection details at the end of the agenda)

REMOTE CONNECTION DETAILS

1. Click on the url (below) for the session that you want.
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, October 24, 2017

OPEN SESSION

Meeting Name: CAA, Dy 1, Open AM

Meeting Password: 10242017

Conference Code: 485 964 4307

Url: <https://nationalacademies.webex.com/nationalacademies/j.php?MTID=m65b79162e03578606d355a7ae4c09913>

Wednesday, October 25, 2017

OPEN SESSION

Meeting Name: CAA, Dy 2, Open AM

Meeting Password: 10252017

Conference Code: 485 964 4307

Url: <https://nationalacademies.webex.com/nationalacademies/j.php?MTID=mc8580a5feac0ce7fcab8ab3510ab9942>

If you require a toll free number to call in from outside the United States, please contact Dionna Wise (DWise@nas.edu).

NOTES

Note to Observers: This meeting is being held to gather information to help the committee conduct its activities. The committee will examine the information and material obtained during open sessions in an effort to inform its work. Although opinions may be stated and lively discussion may ensue, no conclusions are being drawn at this time. Therefore, observers who draw conclusions about the committee's work based on discussions during this meeting 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 committee's activities.

Note to Presenters: If your presentation contains unpublished data, ITAR controlled and/or other sensitive information, please be aware that the open sessions at the meeting will be webcast and presentation materials given to the committee may be posted on a publicly accessible website. Please edit your presentations accordingly.

Beckman Center: Is located on the campus of the University of California, Irvine, and is approximately 3 miles from Orange County/John Wayne Airport. See the following website for more information, including directions: <http://www7.nationalacademies.org/beckman/>.

Parking: There is plenty of free parking at the Beckman Center.

Working Dinner: The committee will hold a working dinner at restaurant Bistango located at 19100 Von Karman Avenue, Irvine, CA; phone: 949-752-5222. More information is available on the restaurant's website: <https://bistango.com/>. All meeting participants can attend. The Academies can pay for members of the committee and guest speakers. Unfortunately, the Academies cannot pay for federal employees. Cost of the dinner is \$50.00. Checks payable to the National Academy of Sciences preferred.

Breakfast and Lunch: Available free of charge to all committee members and guests in the refectory at the Beckman Center. Those meeting participants who are ethically bound to pay for these meals can do so if they wish: Breakfast \$15.00 and Lunch \$16.00. Checks payable to the National Academy of Sciences preferred.

Airports: Orange County/John Wayne Airport (SNA) is about 2 miles from both the Beckman Center. Los Angeles International Airport (LAX) is about 40 miles from the meeting site. Long Beach Airport (LGB) is about 26 miles distant.

Save the Date! Meetings in 2018: The committee will hold its next meeting on Tuesday-Thursday, March 27-29, 2018 at the National Academy of Sciences, 2101 Constitution Ave. NW, Washington, D.C. 20418. The date of the autumn 2018 meeting is November 5-6 (to be confirmed).