

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 31 – November 1, 2016

Beckman Center – 100 Academy Drive – Irvine, CA

Huntington Room

Monday October 31, 2016

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

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

CLOSED SESSION

8:30 AM **Discussion of Reconfiguration of Standing Committees**

9:10 AM *Break*

OPEN SESSION¹

9:15 AM **Welcome and Meeting Overview** **Marcia Rieke and Steven Ritz, Co-Chairs**

9:20 AM **Agencies' Responses to Committee Questions, Preparations for the Next Decadal Survey, & Brief General Updates** (30 minutes each, incl. discussion)

Jim Ulvestad, NSF

Paul Hertz, NASA

Kathy Turner, DOE (via WebEx)

10:20 AM *Break*

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

Focus Session: Planning the Next Decadal Survey

11:00 AM **Brief Summary of Academies Preparations for the Decadal Survey** **CAA Co-Chairs**

- **Consultation Group**
- **AAS Town Hall (January 2017)**
- **Science White Paper Call**
- **Decadal Planning Focus Document**
- **Astronomy Funding Model Study**
- **Other Possible Outreach**

11:30 AM **General Discussion**

All

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

| | | |
|-----------------|--|---|
| 12:00 PM | <i>Lunch available in the Beckman Center Refectory</i> | |
| 1:00 PM | Discussion of the Next Decadal Survey | All |
| | <ul style="list-style-type: none"> • Scope • Timing • Cost and Technical Evaluation Process | |
| 2:15 PM | NWNH's Mid-Decadal Report Follow Up Discussion | Jackie Hewitt, MIT (via WebEx) |
| 3:00 PM | <i>Break</i> | |
| 3:15 PM | Continued Discussion of the Next Decadal Survey | All |
| | <ul style="list-style-type: none"> • CAA/NRC Preparatory Activities | |
| 4:30 PM | General Discussion | |
| 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 Roy's Newport Beach | |
| 6:00 PM | Working Dinner at Roy's Newport Beach | <i>453 Newport Center Drive, Newport Beach, CA (949) 640-7697</i> |
| 8:00 PM | <i>Adjourn for the day</i> | |

Tuesday November 1, 2016

| | | |
|---------------------------------|--|-------------------------------|
| 7:45 AM | Gather in hotel lobby for carpool to Beckman | |
| 8:00 AM | Meeting Room Opens (<i>Breakfast available in the Beckman Center Refectory</i>) | |
| OPEN SESSION² | | |
| 9:00 AM | The State of the OIR System | Dave Silva, NOAO |
| 10:00 AM | General Discussion | |
| 10:30 AM | <i>Break</i> | |
| 10:45 AM | Developments with LISA and Athena | Fabio Favata, ESA (via WebEx) |
| 11:30 AM | JWST Update | Eric Smith, NASA (via WebEx) |
| 12:00 PM | <i>Lunch available in the Beckman Center Refectory, committee discussion will continue</i> | |

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

| | | |
|-----------------------|---|---|
| 1:00 PM | Update on WFIRST Progress | Neil Gehrels and Kevin Grady, NASA |
| CLOSED SESSION | | |
| 1:30 PM | General Discussion | |
| | <ul style="list-style-type: none"> • Preparing for Space Science Week 2017 (next meeting) • 2017 Fall Meeting Dates • Any Remaining Astro2020 Discussion Items • Any Other Business | |
| 3:00 PM | <i>Meeting Adjourns</i> | |
| 3:15 PM | Return via carpool from Beckman to the hotel | |

REMOTE CONNECTION DETAILS

Monday, October 31, 2016

OPEN SESSION

Topic: CAA, Dy 1 Open
 Open Time: 12:30 pm, Eastern Daylight Time

1. Go to <https://nationalacademies.webex.com/nationalacademies/j.php?MTID=me02a4315bf44aeb5b5e94e4638b3c42d> for a direct connection to the Webex meeting.
2. Enter your phone number to have WebEx call you.

If prompted, enter meeting number and password.

Meeting Number: 812 254 095

Meeting Password: 1031

If you are not connecting via WebEx but connecting by phone:

1. Call-in toll-free number: 1-866-668-0721 (within the US only)
2. Telecon Conference Code: 218 737 5164 (this is for the telecon audio connection only)

Tuesday, November 1, 2016

OPEN SESSION

Topic: CAA, Dy 2 Open AM
 Open Time: 12:00 pm, Eastern Daylight Time

1. Go to <https://nationalacademies.webex.com/nationalacademies/j.php?MTID=m149c5e0eec3290983ff0f0f196604046> for a direct connection to the Webex meeting.
2. Enter your phone number to have WebEx call you.

If prompted, enter meeting number and password.

Meeting Number: 819 601 589

Meeting Password: 1101

If you are not connecting via WebEx but connecting by phone:

1. Call-in toll-free number: 1-866-668-0721 (within the US only)
2. Telecon Conference Code: 218 737 5164 (this is for the telecon audio connection only)

If you require a toll free number to call in from outside the United States, please contact Dionna Williams (DWilliams@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/>.

Hotel: A block of rooms has been reserved for the committee's use at the Island Hotel, 690 Newport Center Drive, Newport Beach, CA 92660; phone: 866-554-4620. Additional information, including directions can be found at the hotel's website: <http://www.islandhotel.com/>.

Working Dinner: The committee will hold a working dinner at Roy's Newport Beach, 453 Newport Center Drive, Newport Beach, CA 92660; phone: 949-640-7697. More information can be found at the restaurant's website: <https://www.roysrestaurant.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.

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

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 2017: The committee will hold its next meeting on Tuesday-Thursday, March 28-30, 2017 at the National Academy of Sciences, 2101 Constitution Ave. NW, Washington, D.C. 20418. The date of the autumn 2017 meeting is TBD.