

# THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

This agenda was last updated on February 27, 2014

## NRC SPACE SCIENCE WEEK

### SPRING 2014 MEETING OF THE COMMITTEE ON ASTRONOMY AND ASTROPHYSICS

(subject to change)

March 3-5, 2014

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

Monday March 3<sup>rd</sup>, 2014

#### MORNING PARALLEL BREAK-OUT SESSION

#### COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Room 120

##### OPEN SESSION

###### Remote Access

WebEx:

<https://nationalacademies.webex.com/nationalacademies/j.php?ED=242087712&UID=501371157&RT=MiMxMQ%3D%3D>

10:00 AM	Welcome	Paul Schechter and David Spergel, Chairs
10:05 AM	Update from NSF Astronomy	Jim Ulvestad, NSF AST
10:45 AM	Break	
11:00 AM	Discussion with NSF	All
12:00 PM	<i>Lunch available in the North Court</i>	

Monday March 3<sup>rd</sup>, 2014

#### PLENARY SESSION - Auditorium

###### Remote Access

WebEx<sup>1</sup>: <https://nationalacademies.webex.com/nationalacademies/j.php?ED=242843062&UID=0&RT=MiMxMQ%3D%3D>

1:00 PM	Welcome	Michael Moloney, SSB Director
1:05 PM	Opening Remarks	Charlie Kennel, SSB Chair / Debra Elmegreen, BPA Vice Chair
1:15 PM	Keynote Presentation: Current State of Play at SMD	John Grunsfeld, AA for Science, NASA
2:15 PM	Views from Capitol Hill	Attendance – TBC
3:00 PM	Break	
3:20 PM	Focus Session on International Planning in Space Science Moderator: Charlie Kennel, SSB Chair	
3:20 PM	Introductory Remarks by Moderator	
3:25 PM	International Cooperation at NASA-SMD	John Grunsfeld, NASA
3:40 PM	Program and Planning at ESA-Space Science	Alvaro Giménez, ESA
4:10 PM	Program and Planning at CAS-NSSC	Wu Ji, CAS
4:40 PM	Program and Planning at JAXA-Space Science	Saku Tsuneta, JAXA
5:10 PM	Discussion of future opportunities and planning challenges	
6:00 PM	Meeting Adjourns	

<sup>1</sup> A limited number of listen-only WebEx connections will be available.

Tuesday March 4<sup>th</sup>, 2014

**INAUGURAL NRC SPACE SCIENCE WEEK PUBLIC LECTURE**  
**NAS AUDITORIUM**  
**Tuesday March 4<sup>th</sup>, 6:30PM – 8:00PM**

**Exoplanets and the Real Search for Alien Life**

***Sara Seager, Massachusetts Institute of Technology***

Astronomers have discovered over one thousand planets orbiting stars other than our Sun, with thousands more expected. Join Sara Seager of MIT as she explores the incredible diversity of these exoplanets and how further study could yield potential signs of life beyond Earth. This talk is open to the public and accessible to explorers of all ages.

**Tuesday March 4<sup>th</sup>, 2014**

**COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Room 120**

**OPEN SESSION**

**Remote Access**

WebEx:

<https://nationalacademies.webex.com/nationalacademies/j.php?ED=242087592&UID=501371157&RT=MiMxMQ%3D%3D>

<b>8:00 AM</b>	<i>Breakfast available in the North Court</i>	
<b>9:00 AM</b>	<b>Update from DOE High Energy Physics</b>	<b>Kathy Turner, DOE HEP</b>
<b>9:40 AM</b>	<b>Discussion with DOE</b>	
<b>10:00 AM</b>	<b>P5 Process and Status</b>	<b>(via WebEx) Steve Ritz, UC-Santa Cruz</b>
<b>10:45 AM</b>	<i>Break</i>	
<b>11:00 AM</b>	<b>Overview and update of the Transiting Exoplanet Survey Satellite (TESS)</b>	<b>George Ricker, MIT</b>
<b>11:45 AM</b>	<i>Lunch available in the North Court</i>	
<b>12:45 PM</b>	<b>Update on JWST</b>	<b>(via WebEx) Eric Smith, NASA</b>
<b>1:00 PM</b>	<b>Update from NASA APD</b>	<b>Paul Hertz, NASA</b>
<b>1:45 PM</b>	<b>Discussion with NASA</b>	
<b>2:45 PM</b>	<i>Break</i>	
<b>3:00 PM</b>	<b>Overview of context for NASA APD's ongoing mission studies</b>	<b>Paul Hertz, NASA</b>
<b>3:15 PM</b>	<b>WFIRST AFTA SDT Interim Report</b>	<b>Neil Gehrels and Kevin Grady, NASA</b>
<b>4:00 PM</b>	<b>EXO-C SDT Interim Report</b>	<b>(via WebEx) Karl Stapelfeldt, NASA</b>
<b>4:30 PM</b>	<b>EXO-S SDT Interim Report</b>	<b>Sara Seager, MIT</b>
<b>5:00 PM</b>	<b>General discussion</b>	
<b>5:30 PM</b>	<i>Activities suspended for a buffet working dinner in the North Court followed by a public Lecture in the Auditorium</i>	

**Remote Access**

WebEx<sup>2</sup>: <https://nationalacademies.webex.com/nationalacademies/j.php?ED=242843372&UID=0&RT=MiMxMQ%3D%3D>

<b>6:30 PM</b>	<b>Exoplanets and the Real Search for Alien Life</b>	<b>Sara Seager, MIT</b>
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**Wednesday March 5<sup>th</sup>, 2014**

**COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Room 120**

**CLOSED SESSION**

<b>12:00 PM</b>	<i>Meeting Adjourn</i>
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<sup>2</sup> A limited number of listen-only WebEx connections will be available.

## NOTES

**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>. The closest Metro station is Foggy Bottom (Blue and Orange lines; exit and turn right onto, then turn left once you have passed the State Department)—see [http://www.nationalacademies.org/about/contact/na\\_069684.html](http://www.nationalacademies.org/about/contact/na_069684.html).

**Parking:** Very limited parking is available at the NAS onsite. The 22 available sites are first come first served. The nearest Metro station is Foggy Bottom on the Orange/Blue lines. Other available parking options are as follows:

- PMI (Columbia Plaza) – Is located at 2400 Virginia Avenue NW. Phone (202) 785-2448. The daily rate is \$24. They also have a location at 111 19<sup>th</sup> Street NW, phone is (202) 466-7557.
- Colonial Parking – 2100 Pennsylvania Avenue NW. Phone (202) 295-8100. The daily rate is \$16.00. Their location on 20<sup>th</sup> Street is no longer operating.
- GW Elliot School Garage is located near the Department of Interior at 1957 E Street NW. The daily rate is \$26.00.

**Registration:** Is located in the Great Hall on Monday, March 3<sup>rd</sup> and in Room 120 on March 4<sup>th</sup> and 5<sup>th</sup>.

**WebEx & Telecon Instructions:**

1. Enter name and email address (you will not be spammed) and click “Join Meeting”
2. 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.

**Committee Website:** [http://sites.nationalacademies.org/SSB/SSB\\_084582](http://sites.nationalacademies.org/SSB/SSB_084582)

**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.

**RECORDING IN PROGRESS**

This meeting will be recorded by the NRC. Please be aware that by entering this area, you consent to your voice being recorded for use by the NRC for the purpose of note-taking. This recording will not be publicly released, shared outside of the NRC, or used for other public purposes. If you do not wish to be subject to being recorded, please do not enter this area.