

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

This agenda was last updated on March 30, 2015

NRC SPACE SCIENCE WEEK SPRING 2015 MEETING OF THE STANDING COMMITTEES OF THE SPACE STUDIES BOARD Outline Agenda

March 31-April 2, 2015
NAS Building – 2101 Constitution Ave NW – Washington D.C.

Tuesday March 31, 2015		
MORNING PARALLEL BREAK-OUT SESSION		
COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Room 120		
9:30 AM	The Tensor-Scalar Ratio from the Ground and from Space Division Update on JWST WFIRST-AFTA coronagraph science and ground-based coronagraph progress Update on LSST	Lyman Page, Princeton Eric Smith, NASA Bruce Macintosh, Stanford Steve Kahn, LSST
COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE (CAPS) – Lecture Room		
8:30 AM	NASA Planetary Science Division Status Report NASA Astrobiology Program Update Joint Session with CSSP: China's Future Lunar and Mars Programs Joint Session with CSSP: Discussion of Maven	Jim Green, NASA PSD Mary Voytek, NASA Ji Wu, CAS NSSC Bruce Jakosky, Univ. of Colorado
COMMITTEE ON BIOLOGICAL AND PHYSICAL SCIENCES IN SPACE (CBPSS) – Board Room		
10:45 AM	Role of Center for the Advancement of Science in Space (CASIS)	Gregory Johnson & Mike Roberts CASIS
COMMITTEE ON EARTH SCIENCE AND APPLICATIONS FROM SPACE (CESAS) – Room 280		
10:00 AM	Budget and Program Update from NASA's Earth Science Division Briefing on PACE (Pre-Aerosol, Clouds, and ocean Ecosystem)	Jack Kaye, NASA Paula Bontempi, NASA
COMMITTEE ON SOLAR AND SPACE PHYSICS (CSSP) – Room 125		
9:45 AM	ESSC's Activities in Solar and Space Physics Joint Session with CAPS: China's Activities in Solar and Space Physics Joint Session with CAPS: Discussion with MAVEN	Athena Coustonis & Nicolas Walter, ESSC Ji Wu, CAS NSSC Bruce Jakosky, Univ. of Colorado
PLENARY SESSION - Auditorium		
12:00 PM	<i>Lunch available in the Great Hall</i>	
1:15 PM	Welcome and Overview of Current SSB Activities NASA-SMD Budget, Program, and Priorities Roundtable Discussion on SMD Inter-divisional Cooperation Roundtable Discussion on NASA Inter-directorate Cooperation	Michael Moloney, SSB Director David Spergel, SSB Chair Marc Allen, NASA Neil Gehrels, Moderator Jack Kaye ESD, Jim Green PSD, Paul Hertz ASD, Jeff Newmark HSD David Spergel, Moderator Greg Williams HEOMD, Jeff Sheehy STMD, Jim Green SMD
	<i>Break available in the Great Hall</i>	
	Briefing on Achieving Science with CubeSats Science on the International Space Station Discussion with OSTP / OMB Discussion with Congressional Staff	Thomas Zurbuchen, Cttee Chair Julie Robinson, NASA Tammy Dickinson, OSTP and Grace Hu, OMB Tom Hammond (House) and Nick Cummings (Senate)
6:00 PM	Public Meeting Adjourns	

Wednesday, April 1, 2015

COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Board Room

9:00 AM	Chinese Academy of Sciences Program Astro Highlights Update from NSF Astronomy Update from NASA APD Update from DOE High Energy Physics Overview of 2014-2015 AAAC Annual Report Discussion of the Mid-Decadal Review and the CAA's Role Discussion with ESSC Liaison	Ji Wu, Chinese Academy of Sciences James Ulvestad, NSF Paul Hertz, NASA Kathy Turner, DOE Angela Olinto, Univ. of Chicago CAA and Agencies Pierre Binétruy, APC Université Paris Diderot
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COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE (CAPS) – Lecture Room

8:30 AM	Mars Exploration Program Update NSF-NASA Alternative Chemistries of Life Workshop Outer Planets Update Europa Mission Clipper Update Europa Plumes Workshop Report NAI Update Mars after Mars 2020 Synergies for Human Exploration With Decadal Survey Science Objectives	James Watzin, NASA David Lynn, Emory University Curt Niebur, NASA Barry Goldstein and Robert Pappalardo, JPL Britney Schmidt, Georgia Tech Carl Pilcher, NASA Scott Hubbard, Stanford University Chris Carberry, Explore Mars, Inc. James Garvin and Harley Thronson, NASA Richard Binzel
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COMMITTEE ON BIOLOGICAL AND PHYSICAL SCIENCES IN SPACE (CBPSS) – Room 120

9:00 AM	Full-Day Mini Symposium on Genelab and Open Science Approaches Open Science Concept GeneLab Plans and Challenges Physical Sciences Informatics Database Space Telescope Science Institute Database Genomics Database Panels: presentations and discussion	Marshall Porterfield, NASA Dan Berrios, NASA Francis Chiaramonte, NASA Rick White, STSCI Various Panelists
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COMMITTEE ON EARTH SCIENCE AND APPLICATIONS FROM SPACE (CESAS) – Room 280

9:00 AM	Agency Updates (NOAA and USGS) Discussion with OSTP Roundtable Discussions: Roundtable Discussions: Planning for the Earth Science from Space Decadal Survey–Constraints and Opportunities RapidScat	Tom Burns, NOAA and Sarah Ryker, USGS Tim Stryker, OSTP All Stacey Boland, JPL
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COMMITTEE ON SOLAR AND SPACE PHYSICS (CSSP) – Room 125

8:30 AM	NASA Heliophysics Update NSF Atmospheric and Geospace Sciences Update NOAA Space Weather Prediction Center Update DKIST Update Roundtable on Space Weather DRIVE Initiative Discussion	Jeff Newmark, NASA Vladimir Papitashvili, NSF Tom Berger, SWPC _(via telecon) David Boboltz, NSF Representatives from NASA, NSF, SWPC, OSTP Sarah Gibson, HAO _(via telecon)
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Public Lecture - Auditorium

6:30 PM	Plenary Public Talk – <i>Our Place in the Universe: As Seen Through Past, Present, and Future Telescopes</i> Jason Kalirai, Space Telescope Science Institute
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Thursday, April 2, 2015

COMMITTEE ON ASTRONOMY AND ASTROPHYSICS (CAA) – Room 120

Executive Session

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

8:30 AM	Initial Results from Rosetta NASA Exoplanet Exploration Program	Claudia Alexander, JPL Douglas Hudgins, NASA
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COMMITTEE ON BIOLOGICAL AND PHYSICAL SCIENCES IN SPACE (CBPSS) – Board Room

9:00 AM	SLPSRA Update Status and Issues	Marshall Porterfield, NASA
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COMMITTEE ON EARTH SCIENCE AND APPLICATIONS FROM SPACE (CESAS) – Room 280

Executive Session

COMMITTEE ON SOLAR AND SPACE PHYSICS (CSSP) – Room 125

8:30 AM	SPA Advocacy Group Update - Discussion of Committee Outreach Accelerating the STP Science Program	Len Fisk, Univ. of Michigan All
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In addition to the open sessions listed above each committee may meet in executive sessions as outline 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

WEBEX LINK FOR PLENARY SESSION

A limited number of listen-only WebEx connections will be available for the plenary session on the afternoon of Tuesday March 31st (see above) and the public lecture on the evening of April 1st.

WebEx instructions and links are as follows:

Go to <https://nationalacademies.webex.com/>

1. Click on the meeting name (below) 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 MARCH 31 PLENARY SESSION 1:15 PM to 6:00 PM

Meeting Name: Space Science Wk Plenary

Meeting Password: spaceweek

Conference Code: 797 795 6056

WEBCAST LINK FOR PUBLIC LECTURE

The public lecture will be webcast, please go to http://naswebcontent.nas.edu/ssb/ssb_153311 on the day of the lecture for a link to the webcast.

Please join us for a public lecture

Our Place in the Universe

As Seen Through Past, Present, and Future Telescopes



The NRC Space Science Week Public Lecture

*Wednesday, April 1st, 2015 @ 6:30pm
National Academy of Sciences Building
2101 Constitution Ave., N.W., Washington, DC*



Featuring Jason Kalirai
of the Space Telescope
Science Institute



Scientist on the
James Webb Space
Telescope project



Image Credit: Sarah Pastrana

REGISTER ONLINE

“What is our place in Universe?” Throughout human history, astronomy has repeatedly overthrown our understanding of this question and new telescopes and astronomers continue to do so. Join Jason Kalirai of the Space Telescope Science Institute as he explores 6,000 years of human astronomy, showcases the biggest discoveries of the Hubble Space Telescope, including some of his own work, and ponders current mysteries of the Universe that may be unlocked by NASA's next flagship telescopes. This talk is open to the public and accessible to explorers of all ages.

For more information, please visit nas.edu/SpaceScienceWeek

