

# SPACE SCIENCE WEEK

The National  
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SPACE SCIENCE WEEK  
SPRING 2018 MEETING OF THE COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE  
March 27-29, 2018  
NAS Building—2101 Constitution Ave NW—Washington D.C

Tuesday March 27, 2018

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

COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE  
OPEN SESSION

8:30 AM	Welcome	Christopher House and William McKinnon CAPS Co-Chairs
8:35 AM	Planetary Science Division Status Report	James Green NASA Headquarters
9:35 AM	Astrobiology Program Update	Mary Voytek NASA Headquarters
10:00 AM	<i>Break food available outside meeting room</i>	
10:15 AM	NSF Planetary Astronomy Program	Faith Vilas NSF
11:15 AM	Large Synoptic Survey Telescope	Nigel Sharp NSF
12:00 PM	<i>Lunch available in the Great Hall</i>	

Tuesday March 27<sup>th</sup>, 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&amp;A 25 mins</i>	Thomas Zurbuchen, NASA
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Focus Session on International Collaboration – Program Briefs

2:00 PM	<b>Short 15-minute Talks From Agency Representatives</b>
	• <b>ESA Space Science</b> – Fabio Favata, ESA-SCI
	• <b>ESA Human and Robotic Exploration</b> – David Parker, ESA-HRE
	• <b>ESA Earth Observation Programs - Status and Future Challenges</b> – Maurice Borgeaud, ESA-EO
	• <b>Chinese Academy of Sciences: Current and Future Programs</b> – Ji Wu, CAS National Space Science Center
	• <b>JAXA Institute of Space and Astronautical Science</b> – TBC, JAXA-ISAS

3:15 PM	<i>Break Available in the Great Hall</i>
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#### **Focus Session on International Programs – Discussion on Collaboration**

3:45 PM	<b>Personal Perspective on State of International Collaboration: Len Fisk, President of COSPAR</b>
4:00 PM	<b>Moderated Q&amp;A Sessions with NASA, COSPAR and International Agency Representatives</b> Moderator: Fiona Harrison, SSB Chair

5:30 PM	<b>Closing Comments: SSB Chair</b>
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*Public Meeting Adjourns*

#### **Annual Space Science Week Reception and Dinner — By Invitation Only**

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

6:00 PM	<i>Reception in West Court</i>
7:00-8:30 PM	<i>Dinner in the NAS Great Hall</i>

#### **Wednesday March 28, 2018**

#### **COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE**

7:30 AM	<i>Registration opens and breakfast is available in the Great Hall</i>
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#### **OPEN SESSION**

8:30 AM	<b>Science enabled by lunar exploration</b>	Carle Pieters Brown University
9:15 AM	<b>VEXAG</b>	Martha Gilmore Wesleyan University
10:00 AM	<i>Break food available outside meeting room</i>	
10:15 AM	<b>Planetary Protection I</b>	Lisa Pratt NASA HQ
10:25 AM	<b>Planetary Protection II</b>	Athena Coustenis Incoming Chair of COSPAR Panel on Planetary Protection
10:30 AM	<b>Planetary Protection III</b>	Clive Neal University of Notre Dame

11:00 AM	<b>Europa Clipper and Europa Lander Updates</b>	Robert Pappalardo, Barry Goldstein, Kevin Hand Via Zoom Jet Propulsion Laboratory
12:00 PM	<b>General Discussion</b> <i>Lunch available in the Great Hall</i>	
1:00 PM	<b>Advancing science of the moon – Specific action team (ASM-SAT) update</b>	Brett Denevi JHU Applied Physics Lab
2:00 PM	<b>Origins of Life: Perspective I</b>	Karyn Rogers (tbc) RPI
2:20 PM	<b>Origins of Life: Perspective II</b>	George Cody CWI
2:40 PM	<b>Origins of Life: Perspective III</b>	Nita Sahai University of Akron
3:00 PM	<b>General discussion of origins of life</b>	
3:30 PM	<i>Break</i>	
<b>CLOSED SESSION</b>		
3:45 PM	<b>General Discussion</b>	Committee
5:30 PM	<i>Buffet dinner for committee members and others (by invitation) in the West Court</i>	

**OPEN SESSION**

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**Public Lecture – Kavli Auditorium**

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7:00 PM	<b>The Gravitational Wave Astronomical Revolution</b> Dr. David Reitze, Executive Director of the LIGO Project, CalTech
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**Thursday March 29, 2018**

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**COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE—Lecture Room**

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7:30 AM	<i>Registration opens and breakfast is available in the Great Hall</i>
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**CLOSED SESSION**

8:30 AM	<b>General Discussion</b>	Committee
12:00 PM	<i>Meeting Adjourns (lunch tickets available)</i>	