

SPACE SCIENCE WEEK

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

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

3:15 PM *Break Available in the Great Hall*

Focus Session on International Programs – Discussion on Collaboration

3:45 PM **Personal Perspective on State of International Collaboration: Len Fisk, President of COSPAR**

4:00 PM **Moderated Q&A Sessions with NASA, COSPAR and International Agency Representatives**
Moderator: Fiona Harrison, SSB Chair

5:30 PM **Closing Comments: SSB Chair**

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 *Reception in West Court*

7:00-8:30 PM *Dinner in the NAS Great Hall*

Wednesday March 28, 2018

COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE

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

OPEN SESSION

8:30 AM **Science enabled by lunar exploration** **Carle Pieters**
Brown University

9:15 AM **VEXAG** **Martha Gilmore**
Wesleyan University

10:00 AM *Break food available outside meeting room*

10:15 AM **Planetary Protection I** **Lisa Pratt**
NASA HQ

10:25 AM **Planetary Protection II** **Athena Coustenis**
Incoming Chair of COSPAR Panel on Planetary Protection

10:30 AM **Planetary Protection III** **Clive Neal**
University of Notre Dame

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

3:45 PM	General Discussion	Committee
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5:30 PM	<i>Buffet dinner for committee members and others (by invitation) in the West Court</i>	
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OPEN SESSION

Public Lecture – Kavli Auditorium		
7:00 PM	The Gravitational Wave Astronomical Revolution Dr. David Reitze, Executive Director of the LIGO Project, CalTech	

Thursday March 29, 2018		
COMMITTEE ON ASTROBIOLOGY AND PLANETARY SCIENCE—Lecture Room		

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

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