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NASA Advisory Council Science Committee

July 24-25, 2017

National Institute of Aerospace
100 Exploration Way
Hampton, VA 23666

Agenda (Eastern Time)

Monday, July 24

[NAC SCIENCE COMMITTEE PUBLIC MEETING – ROOM 141](#)

| | | |
|---------------|--|---|
| 8:30 – 8:45 | Opening Remarks / Introduction of Members | Ms. Elaine Denning Dr. Bradley Peterson |
| 8:45 – 9:30 | Big Data Task Force Report | Dr. Charles Holmes, NASA (ret.) |
| 9:30 – 10:10 | Cassini Grand Finale | Dr. James Green |
| 10:10 – 10:30 | SMD FY18 Budget Briefing | Mr. Craig Tupper |
| 10:30 – 10:40 | <i>Break</i> | |
| 10:40 – 11:00 | Astrophysics Advisory Committee Report | Dr. Alan Boss, Carnegie Institution of Science |
| 11:00 – 11:30 | SMD Inputs for SCan Congressional Action | Dr. Jeffrey Hayes |
| 11:30 – 12:00 | Discussion | |
| 12:00 – 1:00 | <i>Lunch</i> | |
| 1:00 – 2:10 | R&A Charge Discussion | Dr. Michael New |
| 2:10 – 2:15 | Public Comments | |
| 2:15 – 2:25 | <i>Break</i> | |
| 2:25 – 2:40 | Planetary Science Advisory Committee – Science Highlight | Dr. Anne Verbiscer University of Virginia |
| 2:40 – 3:10 | NASA Observation of Total Solar Eclipse | Dr. Alex Young NASA Goddard Space Flight Center |



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|-------------|-------------------------------|----------------------|
| 3:10 – 3:50 | Earth Science Division Update | Dr. Michael Freilich |
| 3:50 – 4:30 | Discussion with SMD AA | Dr. Thomas Zurbuchen |
| 4:30 – 5:00 | Discussion | |
| 5:00 – 5:30 | Outbrief for SMD AA | Dr. Thomas Zurbuchen |

Tuesday, July 25

NAC HEO COMMITTEE / SCIENCE COMMITTEE PUBLIC MEETING – ROOM 137

| | | |
|---------------|---|---|
| 9:00 – 9:15 | Opening Remarks for Joint Session | Dr. Bette Siegel / Mr. Ken Bowersox / Ms. Elaine Denning / Dr. Bradley Peterson |
| 9:15 – 12:15 | <i>HEO and Science Emerging Opportunities</i> | |
| 9:15 – 10:15 | HEO Future Exploration Plans | Mr. Greg Williams |
| 10:15 – 12:15 | <i>Science Opportunities</i> | |
| 10:15 – 11:00 | Science Opportunities Overview | Dr. Thomas Zurbuchen |
| 11:00 – 11:10 | Break | |
| 11:10 – 11:45 | Future Telescopes Human Servicing | Dr. Jeffrey Hoffman Massachusetts Institute of Technology |
| 11:45 – 12:15 | Future Assembly and Servicing Study Team | Dr. Ronald Polidan Polidan Science Systems & Technologies, LLC |
| 12:15 – 1:15 | Lunch | |
| 1:15 – 2:15 | Science Enabled by Human Exploration | Dr. Ben Bussey |
| 2:15 – 2:30 | Break | |
| 2:30 – 3:30 | Space Radiation | Dr. Lisa C. Simonsen, Dr. Cary Zeitlin |
| 3:30 – 3:35 | Public Comment | |
| 3:35 – 5:15 | Discussion, Findings, and Recommendation | |
| 5:15 | Adjourn | |



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Dial-In and WebEx Information

For Monday, July 24, 2017

Dial-In (audio): Dial the USA toll-free conference call number 1-888-592-9603 or toll number 1-312-470-7407 and then enter the numeric participant passcode: 5588797. You must use a touch-tone phone to participate in this meeting.

WebEx (view presentations online): The web link is <https://nasa.webex.com>, the meeting number is 991 826 993, and the password is SC@July2017 (case sensitive).

For Tuesday, July 25, 2017

Dial-In (audio): Dial the USA toll-free conference call number 1-888-324-9238 or toll number 1-517-308-9132 and then enter the numeric participant passcode: 3403297. You must use a touch-tone phone to participate in this meeting.

WebEx (view presentations online): The web link is <https://nasa.webex.com>, the meeting number is 991 050 585, and the password is Exploration@2017 (case sensitive).

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