

**Small Bodies Assessment Group 18<sup>th</sup> Meeting**  
**Final Agenda**

**Wednesday, January 17, 2018**

All times are given in Pacific Standard Time

- 8:30 Welcome – Tim Swindle
- 8:40 Planetary Science Division overview – Jim Green
- 9:35 Responses to SBAG 17 findings– Lindley Johnson
- 10:05 Break
- 10:35 1I/2017 U1 (‘Oumuamua) – Karen Meech
- 10:55 Arecibo update – Patrick Taylor
- 1110 Arizona-JAXA workshop – Tim Swindle
- 1125 Accretion workshop – Jeff Cuzzi
- 1145 USGS mapping support for missions – Lazslo Kestay
- Noon - Lunch
  
- 1:30 MMX overview – Tomoki Nakamura
- 1:40 Phobos/Deimos working group - Tom Duxbury
- 1:55 MEGANE MMX Gamma-ray/Neutron Spectrometer – David Lawrence
- 2:10 Hayabusa-2 – Yuichi Tsuda
- 2:30 OSIRIS-REx – Dante Lauretta
- 2:50 Break
- 3:15 CAESAR (New Frontiers) – Steve Squyres
- 3:30 Psyche – Lindy Elkins-Tanton
- 3:40 Lucy – Hal Levison
- 3:50 Dawn – Carol Raymond
- 4:05 JWST proposals – Stephanie Milam

**Wednesday, January 17, 2018 (continued)**

- 4:15 Early career talk, “The delivery of water during impacts by carbonaceous chondrite-like impactors” – Tarik Daly
- 4:30 Early career talk, "A Thermophysical Model of Phobos" – Nathan Smith
- 4:45 Early career lightning talks
- Hadarou Sare
  - Tane Remington
  - Dawn Graninger
  - Andris Slavinskis
  - Nicolas Lee
  - Bryce Bolin
- 5:15 Ames Center-wide Happy Hour (cash bar) in Building 3 Space Bar. SBAG attendees are invited. Maps will be provided at the meeting.

**Thursday, January 18, 2018**

- 9:00 Planetary Resources – Chris Lewicki
- 9:15 NASA technology office – Carolyn Mercer
- 9:30 Planetary Science Deep Space SmallSat Studies reports
- 9:30 Beau Bierhaus, CAESAR: CubeSat Asteroid Encounters for Science and Reconnaissance
  - 9:50 Jeffrey Plescia, APEX: Asteroid Probe Experiment
  - 10:10 Tilak Hewagama, Primitive Object Volatile Explorer (PrOVE)
- 10:30 Break
- 11:00 SIMPLEX 2 – Carolyn Mercer
- 11:15 NEOO program – Kelly Fast
- 11:30 Planetary Defense Coordination Office – Lindley Johnson
- 11:50 Tunguska Mini-Workshop – David Morrison
- Noon Lunch

**Thursday, January 18, 2018 (continued)**

- 1:30 Small bodies in the CAPS report on planetary mission studies – Bill McKinnon
- 1:55 Overview of Goals discussion – Tim Swindle
- 2:00 Common themes in small bodies missions – Lindley Johnson
- 2:15 Goals - Resource Utilization – Amara Graps
- 2:35 Goals - Human Exploration – Dan Adamo
- 3:00 New Horizons report – Alan Stern
- 3:15 Break
- 3:45 Goals - Formation of the Solar System – Andy Rivkin
- 4:05 Goals - Evolution of the Solar System – Angela Stickle
- 4:25 Goals - Delivery of elements to initiate and sustain life – Lori Feaga
- 4:45 Goals - Processes in an active Solar System – Julie Castillo-Rogez
- 5:05 Goals - Planetary Defense – Paul Chodas
- 5:25 Recap – comments on common themes, volunteers
- 5:45 End of meeting