

Tuesday, October 15, 2013
FUTURE MISSIONS AND TECHNOLOGIES: II
1:30 p.m. Bldg. 200, Room 100

Discussion of Future Science and Exploration Mission and Technologies

Chairs: Barbara Cohen
Emerson Speyerer

- 1:30 p.m. Jakosky B. *
How to Win a Discovery-Class Mission
- 2:00 p.m. Hayne P. O. * Cohen B. A. Sellar R. G. Staehle R. Toomarian N. Paige D. A.
[Lunar Flashlight: Mapping Lunar Surface Volatiles Using a Cubesat](#) [#7045]
- 2:20 p.m. Huber S. Peterson K. M. Thornton J. * Whittaker W. L.
[Griffin: Industry-Led Development of Robotic Lunar Landers](#) [#7055]
- 2:40 p.m. Clark P. E. * MacDowall R. Farrell W. Petro N. Cox R. Cardiff E. Folta D.
 Dichmann D. Didion J. Patel D. Altunc S. Hudeck J. Schaire S. Bakhtiari-Nejad M.
[Science-Driven CubeSat Missions to the Moon](#) [#7015]
- 3:00 p.m. Cohen B. A. *
[Development of Mini-Landers for Very Small Lunar Surface Payloads](#) [#7033]
- 3:20 p.m. Alkalai L. Hopkins J. * Trebi-Ollenu A. Mueller J. McElrath T. Solish B.
[An Update to the Orion/MoonRise Mission Concept Study](#) [#7034]
- 3:40 p.m. Speyerer E. J. * Robinson M. S. Lawrence S. J. Stopar J. D.
[Intrepid: Lunar Roving Prospector Providing Key Ground Truth Measurements and Enabling Future Exploration](#) [#7049]
- 4:00 p.m. Lawrence S. J. * Robinson M. S. Jolliff B. L. Hawke B. R. Taylor G. J.
 Hagerty J. J. Denevi B. W.
[Sampling the Youngest Lunar Basalts](#) [#7048]
- 4:15 p.m. Zacny K. * Paulsen G. Chu P. Craft J.
[Past, Present, and Future Lunar Drilling Technologies](#) [#7010]
- 4:35 p.m. Anderson F. S. * Whitaker T. Andrews J.
[Obtaining New In-Situ Constraints on the Age of the Moon, Cratering Flux, Elemental Chemistry, and Potential Organics Using Laser Desorption Resonance Ionization](#) [#7056]
- 4:55 p.m. Mahanti P. * Robinson M. S. Boyd A. Lawrence S.
[Line-of-Sight Communication on the Moon — Analysis for Landing Spot Selection](#) [#7014]
- 5:15 p.m. Law E. * Chang G. Malhotra S. Bui B. Kim R. Dodge K. Sadaqathullah S.
[Landing Site Selection and Surface Traverse Planning Using the Lunar Mapping and Modeling Portal](#) [#7008]