

Tuesday, October 23, 2012
LUNAR MISSIONS: THE NEXT GENERATION
8:30 a.m. Conference Room W150

Updates on the next generation of lunar missions and innovative approaches to returning to the Moon

Chairs: Ben Bussey
Richard Elphic

8:30 a.m. Elphic R. C. * Delory G. T. Grayzeck E. J. Colaprete A. Horanyi M. Mahaffy P. Hine B.
 Salute J. Boroson D.

[*The Lunar Atmosphere and Dust Environment Explorer \(LADEE\):
 T-Minus One Year and Counting*](#) [#3033]

8:45 a.m. Stiles A. *
Google Lunar X Prize

9:00 a.m. Whittaker R. *
Astrobiotic

9:15 a.m. Doswell J. *
JURBAN

9:30 a.m. Bourgeois F. *
Frednet

9:45 a.m. Richards B. *
Moon Express

10:00 a.m. Ghafoor N. *
Recent Preparatory Activities for Future Lunar Exploration: Towards a Robotic Precursor

10:15 a.m. Rocha G. *
Angelicum

10:30 a.m. BREAK

10:45 a.m. Neal C. *
Network Science on the Moon: Missions that also Inform Exploration

11:00 a.m. Jolliff B. L. * Shearer C. K. Cohen B. A.
[*Sampling South Pole-Aitken Basin: The Moonrise Approach*](#) [#3047]

11:15 a.m. Mitrofanov I. G. * Zelenyi L. M. Tret'yakov V. I.
[*Upgraded Program of Russian Lunar Landers: Studying of Lunar Poles*](#) [#3025]

11:30 a.m. Peterson K. M. * Thornton J.
[*Commercial Models for Lunar Landing and Exploration*](#) [#3050]

11:45 a.m. Clark P. E. * MacDowall R. Cox R. Vasant A. Schaire S. Malphrus B.
[*LunarCube: Payload Development for Enhanced Yet Low Cost Lunar Exploration*](#) [#3001]

12:00 p.m. DISCUSSION