

Tuesday, October 15, 2013
FUTURE MISSIONS AND TECHNOLOGIES: I
8:30 a.m. Bldg. 200, Room 100

Discussion of Future Science and Exploration Mission and Technologies

Chairs: Jack Burns
Tony Colaprete

- 8:30 a.m. Elphic R. *
LADEE: Lunar Atmosphere and Dust Environment Explorer
- 9:00 a.m. Chavers D. G. * Olansen J. B. Reed C. L. B. Eisenman D. J.
[NASA's Robotic Lunar Lander Development](#) [#7053]
- 9:20 a.m. Mitrofanov I. G. * Petrukovich A. A. Zelenyi L. M.
[Russian Plans for the First Stage of Lunar Robotic Exploration](#) [#7022]
- 9:40 a.m. Ghafoor N. * Jones H. Jessen S. McCoubrey R. Fulford P. McCarthy T. Chappell L.
Lackner D. Tadros A.
[Meeting the Challenge of Affordable Lunar Exploration — Heritage Systems, Flexible Partnerships, New Flight Opportunities](#) [#7058]
- 10:00 a.m. Klaus K. *
[The Space Launch System and Lunar Missions](#) [#7027]
- 10:20 a.m. Spudis P. D. * Richards R. Burns J. O.
[Moon Express: Lander Capabilities and Initial Payload and Mission](#) [#7032]
- 10:40 a.m. Burns J. O. * Kruger L. Fong T. Bualat M.
[First Simulation of an Earth-Moon L2/Farside Waypoint Mission and Teleoperation of a Planetary Rover from the ISS](#) [#7007]
- 11:00 a.m. Colaprete A. * Elphic R. Andrews D. Sanders J. Quinn J. Larson B. Picard M.
[Resource Prospector: A Lunar Volatiles Prospecting and ISRU Demonstration Mission](#) [#7017]
- 11:20 a.m. DISCUSSION
- 12:00 p.m. LUNCH