

Wednesday, October 16, 2013
RECENT LUNAR SCIENCE RESULTS
8:30 a.m. Bldg. 200, Room 100

Recent Lunar Science Discoveries

Chairs: David Paige
Noah Petro

- 8:30 a.m. Paige D. A. * Lucey P. G. Siegler M. A. Sefton-Nash E. Greenhagen B. T. Neumann G. A. Riner M. A. Mazarico E. Smith D. E. Zuber M. T. Bussey D. B. Cahill J. T. McGovern A. Isaacson P. Corley L. Torrence M. H. Melosh H. J. Head J. W.
[Albedo-Temperature Correlations in Lunar Polar Craters](#) [#7052]
- 8:50 a.m. Greenhagen B. T. * Paige D. A. Diviner Science Team
[Diviner Lunar Radiometer Thermophysical and Compositional Results from the Extended Science Mission](#) [#7028]
- 9:10 a.m. Robinson M. S. *
LRO Lunar Reconnaissance Orbiter Camera
- 9:30 a.m. Petro N. E. * Klima R. L.
[Moon Mineralogy Mapper Perspective on the Composition of the Sculptured Hills: Implications for the Origin of the Apollo 17 Station 8 Boulder and Guidance for Future Lunar Rovers](#) [#7036]
- 9:50 a.m. Patterson G. W. * Bussey D. B. J.
[Bistatic Radar Observations of the Moon using Mini-RF on LRO and the Arecibo Observatory](#) [#7046]
- 10:10 a.m. Mazarico E. * Neumann G. A. Nicholas J. B. Smith D. E. Zuber M. T.
[Using Lunar Orbiter Laser Altimeter Data to Investigate the Lunar Poles](#) [#7041]
- 10:30 a.m. Hurley D. M. * Elphic R. C. Bussey B.
[Heterogeneity of Ice in Lunar Permanently Shadowed Regions](#) [#7023]
- 10:50 a.m. Sagdeev R. Z. * Boynton W. V. Chin G. Litvak M. Livengood T. A. McClanahan T. P. Mitrofanov I. G. Sanin A. B.
[Overview of Results from the Lunar Reconnaissance Orbiter \(LRO\) Lunar Exploration Neutron Detector \(LEND\) Instrument](#) [#7057]
- 11:10 a.m. McClanahan T. P. * Mitrofanov I. G. Chin G. Boynton W. V. Evans L. G. Litvak M. Livengood T. A. Sagdeev R. Z. Su J. J. Sanin A. B. Milikh G. M.
[The Low Latitude Extent of Lunar Slope Hydration Derived from the Lunar Orbiting Neutron Spectrometers and LOLA Topography](#) [#7029]
- 11:30 a.m. Farrell W. M. * Zimmerman M. I. Hurley D. M.
[Spillage of Polar Crater Resources onto Adjacent Terrains](#) [#7021]
- 11:50 a.m. Glenar D. A. * Stubbs T. J. Feldman P. D. Retherford K. D. Delory G. T. Colaprete A. Elphic R. Farrell W. M.
[Search for a High Altitude Dust Exosphere: Observational Status Prior to the LADEE Mission](#) [#7030]
- 12:10 p.m. Mackwell S. *
Meeting Synopsis and Conclusions