

Monday, November 7, 2011
POSTER SESSION: LUNAR EXPLORATION AND SCIENCE
6:00 p.m. Great Room

Spudis P. D. Lavoie T.

[*Using the Resources of the Moon to Create a Permanent Cislunar Space Faring System*](#) [#2021]

Wilson J. K. Spence H. E. Case A. W. Blake J. B. Golightly M. J. Kasper J. Looper M. D.
Mazur J. E. Schwadron N. Townsend L. W. Zeitlin C.

[*First Cosmic Ray Albedo Proton Map of the Moon*](#) [#2004]

Eubanks T. M. Laine M.

[*LADDER: The Development of a Prototype Lunar Space Elevator*](#) [#2043]

Li R. He S. Skopljak B. Meng X. Yilmaz A. Jiang J. Banks M. S. Kim S. Oman C.

[*Lunar Astronaut Navigation Using LASOIS: Performance of a Simulated Apollo-14 Traverse at Haleakala National Park, Hawaii*](#) [#2019]

Mader M. M. Osinski G. R. Antoneko I. Barfoot T. Battler M. Beauchamp M. Chanou A. Cloutis E.
Daly M. Capitan R-D. Francis R. Ghafoor N. Grieve R. A. F. Hodges K. Joliff B. L. Kerrigan M.
McCullough E. Moores J. Otto C. Pickergill A. Pontefact A. Preston L. Redman D. Sapers H.
Shankar B. Singleton A. Sylvester P. Tornabene L. L. Unrau T. Young K. Zanetti M.

[*Use of Robotitc Precursor Mission for Follow-On Human Exploration: Case Study Lunar Analogue Mission at the Mistastin Lake Impact Structure*](#) [#2033]

Lester D. F. Hodges K. V. Raftery M. L.

[*On-Orbit Control of Lunar Surface Telerobots from Earth-Moon Lagrange Points*](#) [#2012]

Li R. Lin L. Wang W. Crawford J. Meng X. He S. Robinson M. S. the LROC Science Team

[*Recent Progress in Lunar Topographic Mapping Using OrbiterMapper and LROC NAC Stereo Images*](#) [#2018]

Zacny K. Paulsen G. Shasho J. Hedlund M. Mellerowicz B. Makai T. Szwarc T. Nagihara S.
Taylor P. Milam B.

[*Testing of a Pneumatic Proboscis Heat Flow Probe in a Vacuum Chamber and JSC-1A Lunar Soil Simulant*](#) [#2028]

Zacny K. Currie D. Paulsen G. Avanesyan A. Chu P. Makai T. Szwarc T.

[*Development and Testing of Gas Assisted Drill for the Emplacement of the Corner Cube Reflector System on the Moon*](#) [#2008]

Nandikotkur G. Milikh G. M. Sagdeev R. Chin G. Boynton W. Harshman K. Droege J. G.
Mitrofanov I. G. Litvak M. L. Sanin A. B. Golovin D. Evans L. G. Starr R. McClanahan T.

[*Effect of Solar Activity on the Neutron Flux Detected by LEND*](#) [#2010]

Dhingra D. Pieters C. M.

[*Mineralogical Diversity of Impact Melts on Central Peak of Tycho and its Vicinity*](#) [#2025]

Joy K. H. Ross D. K. Zolensky M. E. Kring D. A.

[*Reconnaissance Element Mapping of Lunar Regolith Breccias*](#) [#2007]

Miura Yas.

[*Carbon and Rare-Earth Elements Contents on the Moon: As New Resources*](#) [#2001]

McClanahan T. P. Mitrofanof I. G. Boynton W. V. Chin G. Droege G. Evans L. G. Garvin J.
Harshman K. Litvak M. L. Malakhov A. Mazarico E. Milikh G. M. Namkung M. Nandikotkur G.
Neumann G. Smith D. E. Sagdeev R. Sanin A. Starr R. D. Trombka J. I. Zuber M. T.
[Topographically Induced Thermal Effects on Lunar Hydrogen Distributions: Correlated Observations from the LRO LEND and LOLA Instruments](#) [#2041]

Sinitsyn M. P.
[Impact Melt and Palaeoreolith Deposits as Important Sources of Information about Lunar History](#) [#2011]