

Thursday, September 16, 2010
WHAT APPROACHES TO LUNAR EXPLORATION WOULD SUPPORT
SUSTAINABLE SOLAR SYSTEM EXPLORATION?
1:00 p.m. Columbia Ballroom I

Chairs: Kurt Sacksteder
Gerald Sanders

- 1:00 p.m. Carey W. * Hipkin V. Hufenbach B. Matsumoto K. Piedboeuf J.-C. Rhatigan J.
[*Inspiration Enabled by the ISECG Reference Architecture for Human Lunar Exploration*](#) [#3037]
- 1:20 p.m. Sacksteder K. R. * Wegeng R. S.
[*Thermal Wadis and Compact Rovers: Creating an Affordable Lunar Infrastructure to Enable Resource Evaluations and Technology Demonstrations*](#) [#3079]
- 1:35 p.m. Zacny K. * Paulsen G. Szczesiak M. Craft J.
[*Introduction to Lunar Drilling and Sampling*](#) [#3016]
- 1:50 p.m. Hibbitts C. A. * Orlando T. M. Grieves G. Poston M. Dyar M. D. Johnson A.
[*Considerations for Extracting Adsorbed Water and Hydroxyl from the Lunar Regolith*](#) [#3077]
- 2:05 p.m. Gump D. P. *
[*Three Lunar Volatiles Answers Required for the Design of a Space Exploration Architecture*](#) [#3030]
- 2:25 p.m. Wegeng R. S. * Abbud-Madrid A. Boucher D.
[*Assessing the Resource Potential of the Moon: The Case for a Decadal-Scale Robotic Lunar Exploration Program*](#) [#3062]
- 2:45 p.m. Zhou G. Mardon A. A. *
[*Space Mineral Resource Utilization*](#) [#3034]
- 3:05 p.m. Clark P. E. *
[*Apollo in the Field: Breakthrough and Baseline for Future Planetary Surface Exploration*](#) [#3007]
- 3:25 p.m. Alkalai L. *
[*A Blueprint for an International Lunar Robotic Village*](#) [#3106]
- 3:45 p.m. Fong T. * Bualat M. Deans M. Heggy E. Helper M. Hodges K. Lee P.
[*Improving Lunar Exploration with Robotic Follow-Up*](#) [#3011]
- 4:00 p.m. Bleacher J. E. * Eppler D. B. Hörz F. Shearer C. K. Neal C. R.
[*The Lunar Sample Acquisition and Curation Review Recommendations for Human Surface Science Capabilities During Planetary Exploration*](#) [#3049]
- 4:15 p.m. PANEL DISCUSSION AND AUDIENCE Q&A
- 5:00 p.m. MEETING ADJOURNS