Wednesday, October 29, 2008
POSTER SESSION
7:30 p.m. Pavilion

Bart G. D. Colaprete A.
Characterizing the LCROSS Impact Site **[#4113]**

Joy K. H. Crawford I. A. Kellett B. J. Grande M. C1XS Science Team
The Scientific Case for the Chandrayaan-1 X-Ray Spectrometer **[#4014]**

Heldmann J. L. Colaprete A. Wooden D. Asphaug E. Schultz P. Plesko C. S. Ong L. Korycansky D. Galal K. Briggs G.
Lunar Crater Observation and Sensing Satellite (LCROSS) Mission: Opportunities for Observations of the Impact Plumes from Ground-based and Space-based Telescopes **[#4051]**

Ennico K. Colaprete A. Heldmann J. Kojima G. Lynch D. Shirley M. Wooden D.
Lunar Crater Observation and Sensing Satellite (LCROSS) Science Payload Ground Development, Test, and Calibration **[#4055]**

Foing B. H. Koschny D. Grieger B. Josset J.-L. Beauvivre S. Grande M. Crawford I. Swinyard B. Huovelin J. Alha L. Keller H. U. Mall U. Nathues A. Malkki A. Noci G. Sodnik Z. Kellett B. Pinet P. Chevrel S. Cerroni P. de Sanctis M. C. Barucci M. A. Erard S. Despan D. Muinonen K. Naranen J. Shevchenko V. Shkuratov Y. Ellouzi M. Peters S. Bexkens F. Borst A. Odum C. Boche-Sauvan L. Monaghan E. Wills D. Almeida M. Frew D. Volp J. Heather D. McMannamon P. Camino O. Racca G.
SMART-1 Results and Lessons Learned for Preparing Future Exploration **[#4099]**

Despan D. Erard S. Barucci A. Josset J.-L. Beauvivre S. Chevrel S. Pinet P. Koschny D. Almeida M. Grieger B. Foing B. H. AMIE Team
High Resolution Maps of the Moon Surface with AMIE/SMART-1 **[#4039]**

Monje O. Wheeler R. M. Jones S. Mitchell C. A.
Design of Root Modules for a Lunar Salad Machine **[#4071]**

McGovern J. A. Blewett D. T. Patterson G. W. Lopez N. R.
Simulating Lunar Landing Site Illumination with Synthetic DEMs **[#4094]**

Klaus K.
Linkage Between Future Combat Systems and Human Exploration of Planetary Surfaces **[#4107]**

Street K. Greenberg P. Gaier J.
Structural, Physical, and Compositional Analysis of Lunar Simulants and Regolith. **[#4114]**

Sellar R. G. Farmer J. D. Robinson M. S.
Multispectral Hand Lens and Field Microscope **[#4075]**

Mengaldo G. Moro V. Rossettini L. Bandera A. Maggi F.
Moon Orbiter, Propulsion Issues **[#4028]**

Quinn L. P.
Excavation of Habitat Trench by a Single Precision Kinetic Bombardment **[#4040]**

Quinn L. P.
Orbiting "Earth-Safe" Atomic Explosives for Defense Against Asteroids **[#4026]**

Irwin S. A. Durrance S. T. Buhler C. R. Calle C. I.
Method to Investigate the Charging Characteristics of Lunar Dust Particles **[#4108]**

Kawamoto H. Inoue H. Abe Y.
Electromagnetic Cleaner of Lunar Dust Adhered to Spacesuit **[#4004]**

Long J. M. Lane J. E. Metzger P. T.
A Modification and Analysis of Lagrangian Trajectory Modeling and Granular Dynamics of Lunar Dust Particles **[#4058]**

Rieber R. R. Seibert M. A.
Two Problems, One Solution — Microwave Sintering of Lunar Dust **[#4111]**

Brown I. I. Garrison D. H. Jones J. A. Allen C. C. Sanders G. Sarkisova S. A. McKay D. S.
The Development and Perspectives of Bio-ISRU **[#4048]**

Schuerger A. C. Smith D. J.
The Moon's Surface May be a Self-sterilizing Environment for Terrestrial Microorganisms **[#4029]**

Losiak A. Kohout T. O'Sulllivan K. Thaisen K. Weider S. Kring D.
Establishing a Precise Absolute Chronology of the Moon — A Need for Robotic Missions **[#4072]**

Kohout T. O'Sullivan K. Losiak A. Kring D. Thaisen K. Weider S.
Robotic and Human Exploration of the Schrödinger Basin **[#4078]**

O'Sullivan K. Kohout T. Losiak A. Kring D. Thaisen K. Weider S.
Schrödinger Basin: A Geologically Diverse Landing Area **[#4081]**

Peters S. T. M. Monaghan M. P. Foing B. H.
Future Robotic Study of Lunar Basins: Goals for Geochemistry and Geophysics **[#4080]**

Borst A. M. Bexkens F. Foing B. H.
Geological and Geochemical Study of South Pole–Aitken Basin and Future Sample Return Missions **[#4116]**

Clark P. E. Lewis R. Millar P. S. Yeh P. S. Lorenz J. Feng S. Powell W. Beaman B. Choi M. Cooper L. Leshin L.
Enabling Minimal Mass Science Packages for Lunar Surface Studies **[#4086]**

Weinberg J. D. Neal C. R. Delory G. T.
Global Lunar Geophysical and Exosperic Science Network **[#4125]**

Thaisen K. G. Losiak A. Kohout T. O'Sullivan K. Weider S. Kring D.
Geographic Information Systems: An Enabling Tool for Lunar Exploration **[#4098]**

Rizzo M. Hall B. C. Pérez M. K.
A Multi-Purpose Analysis and Logistics Device for Lunar Exploration **[#4077]**

Kissi-Ameyaw J. Monaghan E. P. Foing B. H.
Astronomy from the Moon: Possible Science Investigations and Precursors **[#4102]**

Kroening K. Sollitt L. S. Segura T. Spittler C.
Secondary Payload Architecture for Lunar Comm Relay Satellites **[#4119]**

White W.
A Proposal for "The [Insert Sponsor Here] L2 Cup" **[#4106]**

Guest A. N. Hofstetter W. K. Cunio P. M. McLinko R. Grosse E. Hoffman J. A.
Living on the Lunar Surface — A Minimalist Approach **[#4123]**

Lee P. Abercromby A. Braham S. Deans M. Fong T. Glass B. Hoffman S.
McKay C. P. Wilkinson N.
Terrestrial Analogs for Lunar Science and Exploration: A Systematic Approach **[#4126]**

Hou X. Y. Liu L. Zhang W.
On Station Keeping of Spacecrafts with Solar Sail Around the Earth-Moon Collinear Libration Points **[#4012]**