Thursday, October 4, 2007
POSTER SESSION II
6:00–8:00 p.m.

Private Sector Involvement

McKay D. S.
Commercial Development of the Moon: The Great Lunar Depository

Durst S. M. Mendell W. W. Gonella M.
Lunar Commercial Communications Enabled by the International Lunar Observatory/ILO Association

Davis K. Paulsen G. L. Zacny K.
Robotic Components and Subsystems Enabling Lunar Exploration: Status Update

Sample Return and Lunar Exploration

Jolliff B. L. Papanastassiou D. A. Cohen B. A.
Testing the Terminal Cataclysm Hypothesis with Samples from the South Pole-Aitken Basin

Field Exploration and Astronaut Training

Rask J. C. Heldmann J. Smith H. Battler M. Fristad K. Allner M. Clardy T. Clark O. Taylor C. Citron R. Corbin B. Negron G. Skok J. Taylor L. Centinello F. Duncan A. Fan A. Pavon S. Sutton W. Drakonakis V. Gilbert C. Graves S. Guzik G. Sahani R. McKay C. P.
The Spaceward Bound Field Training Curriculum for Moon and Mars Analog Environments

Clardy T. W. Fristad K. E. Rask J. C McKay C. P.
Establishment of a Wireless Mesh Network and Positional Awareness System in a Mars Analogue Environment

McKay C. P. Coe L. K. Battler M. Bazar D. Conrad L. Day B. Fletcher L. Green R. Heldmann J. Muscatello T. Rask J. C. Smith H. Sun H. Zubrin R.
Spaceward Bound: Field Training for the Next Generation of Space Explorers

Garrick-Bethell I. Weiss B. P.
Technology and Techniques for Paleomagnetic Studies at the Lunar Poles

Clark P. E. Lewis R. Leshin L.
Optimizing Instrument Packages for the Lunar Surface

Braham S. P. Pires M. P.
Lunar Surface Field Exploration Infrastructure Systems Requirements Development — Results of a Decade of Analog Lunar Surface Exploration

Williamson M-C. Hipkin V. Lebeuf M. Berinstain A.
Exploration Architecture Validation Through Analog Missions — A Canadian Perspective

Site Selection and the Lunar Outpost

Plescia J. Spudis P. Bussey B. Elphic R. Nozette S. Phipps A.
Hydrogen: A Strategy for Assessing the Key Element for the Lunar Outpost

Fernandes V. A. Cohen B. A. Fritz J. Jessberger E. K.
Return to the Moon: Ethical, Cultural and Social Aspects — Initial Approaches to These Complex Themes with a Geological Perspective

Cooper B. L.
Possible Mafic Patches at Mons Malapert and Scott Crater Highlight the Value of Site Selection Studies

Jolliff B. L. Zhang J.
Aristarchus Plateau as an Outpost Location

Fong T. Deans M. Bualat M. Flueckiger L. Allan M. Utz H. Lee S. To V. Lee P.
Analog Lunar Robotic Site Survey at Haughton Crater

Feed Forward to Mars

Heldmann J. L. Levine J. Garvin J. Beaty D. Bell M. S. Clancy T. Cockell C. S. Delory G. Dickson J. Elphic R. Eppler D. Fernandez-Remolar D. Gruener J. Head J. W. Helper M. Hipkin V. Lane M. Levy J. Millikan R. Moersch J. Ori G. Peach L. Poulet F. Rice J. Snook K. Squyres S. Zimbelman J.
Interim Results from the MEPAG Human Exploration of Mars Science Analysis Group (HEM-SAG)

Conley C. A. Race M.
Planetary Protection and Implications for Lunar Mission Planning: Science, Technology, and Feed-Forward to Mars