Friday, October 4, 2013

GSC ENABLED OPPORTUNITIES AND ROBOTIC MISSION SYNERGIES
8:15 a.m. Lecture Hall

8:15 a.m.  Mackwell, S. *
Welcome, Summary Thoughts from Day One

8:30 a.m.  Jaumann R. *  Orbit and Mobile Payload Study Team
A Dedicated Small Lunar Exploration Orbiter (S-LEO) and Mobile Payload Element (MPE) [#6034]

9:00 a.m.  Borowski S. K. *  McCurdy D. R.  Burke L. M.
Human Exploration/Commercial Lunar Missions Using NTR Propulsion [#6013]

9:15 a.m.  De Rosa D. *  Houdou B.  Fisackerly R.  Carpenter J.
Safe and Precise Landing Capabilities for Future Lunar Missions [#6019]

9:30 a.m.  Abercromby A. F. J.  Chappell S. P. *  Gernhardt M. L.
Multi-Mission Space Exploration Vehicle (MMSEV):  An EVA and Robotics Work-System for Multiple Destinations [#6008]

9:45 a.m.  BREAK

10:00 a.m.  Fong T. *  Deans M.  Bualat M.
Robotics for Future Human Lunar Exploration [#6009]

10:30 a.m.  Eppler D. B. *
Science Operations on the Lunar Surface — Understanding the Past, Testing in the Present, Considering the Future [#6006]

11:00 a.m.  Nagihara S. *  Zacny K.  Hedlund M.  Taylor P. T.
Compact, Modular Heat Flow Probes for Human Lunar Missions [#6003]

11:15 a.m.  Zacny K. *  Paulsen G.  Chu P.  Craft J.
Past, Present, and Future Drilling Technologies Enabling Lunar Exploration [#6004]

11:30 a.m.  Lucey P. G.  Glotch T. D. *  Greenhagen B. T.  Rogers A. D.
Ten Meter Scale Thermal Infrared Spectroscopy and Thermophysical Properties from Lunar Orbit [#6018]

11:45 a.m.  McLaughlin M.
Cis-Lunar Space Enterprise

12:00 p.m.  McKinnon W. B. *  Mackwell S. *
Summary and Findings

12:15 p.m.  Stern S. A. *
Next Steps