

Tuesday, July 28, 2009
INTRODUCTION
8:30 a.m. Alumni Lounge

8:30 a.m. Update, Workshop Logistics, and Agenda

ASTROBIOLOGY

- 8:45 a.m. Coleman M. *
[*Perchlorate on Earth and Mars, Formation Processes, Fate, Implications for Astrobiology and Suggestions for Future Work*](#) [#8024]
- 9:00 a.m. Aubrey A. D. * Parker E. T. Grunthaner F. J. Bada J. L.
[*Implications of the Presence of Surface Perchlorate for In Situ Detection of Organic Compounds During Future Missions*](#) [#8005]
- 9:15 a.m. Howe K. L. Gavin P. Kral T. A. Goodhart T. Chevrier V. *
[*Methanogen Growth in Perchlorate-supplemented Media and Implications for Life in Phoenix-Type Soils*](#) [#8014]
- 9:30 a.m. Sun H. J. *
[*Substrate Stereo Selectivity may be Used to Distinguish Between Chemical and Biological Reactivity on Mars*](#) [#8022]
- 9:45 a.m. **Moderated Panel Discussion**
- 10:15 a.m. BREAK