

**Tuesday, July 28, 2009**  
**FUTURE MISSIONS AND EXPERIMENTS**  
**10:30 a.m. Alumni Lounge**

- 10:30 a.m. Blake D. F. \* Bish D. L. Chipera S. J. Vaniman D. T. Sarrazin P. CheMin Team  
[\*In Situ Analysis of Hydrous and Aqueous Minerals Using the CheMin Mineralogical Instrument on Mars Science Laboratory\*](#) [#8026]
- 10:45 a.m. Dyar M. D. \* Tucker J. M. Clegg S. M. Schaefer M. W. Wiens R. C. Barefield J. E. II.  
[\*Probing Martian Surface Chemistry with LIBS: Major and Minor Element Analyses with Laser-induced Breakdown Spectroscopy\*](#) [#8019]
- 11:00 a.m. Grady M. M. \* Tomkinson T. Wolters S. D. Guthery W. Bohman A. F. Sund A. T.  
[\*WATSEN — A Mid-IR Spectrometer, Humidity Sensor and Optical Microscope to Identify the Subsurface Water and Mineralogy of Mars\*](#) [#8012]
- 11:15 a.m. **Moderated Panel Discussion**
- 11:45 a.m. **Wrap Up: The Big Questions, Part II**
- 12:15 p.m. LUNCH