

**Tuesday, February 14, 2012**  
**SIGNS FROM SPECIMENS**  
**1:50 p.m. Samuel H. Scripps Auditorium**

**Chair: Jack Farmer**

- 1:50 p.m. McKay D. \* [INVITED]  
*Reflections on the Challenges of Detecting Ancient Life in Martian Samples*
- 2:20 p.m. Fries M. \* Harvey R. Jull A. J. T. Wainwright N. ANSMET 07–08 Team  
[\*The Microbial Contamination State of As-Found Antarctic Meteorites\*](#) [#6036]
- 2:40 p.m. Velbel M. A. \*  
[\*Terrestrial Weathering of Chondrites in Nature and Continuing During Laboratory Storage and Processing: Review and Implications for Sample Integrity\*](#) [#6019]
- 3:00 p.m. Thomas-Keprta K. L. \* Clemett S. J. Wentworth S. J. McKay D. S. Gibson E. K. Jr.  
[\*New Insights into the Origin of Magnetite Crystals in ALH 84001 Carbonate Disks\*](#) [#6026]
- 3:20 p.m. DISCUSSION
- 3:40 p.m. *Coffee Break*
- 4:00 p.m. Zolensky M. \* Fries M. Steele A. Bodnar R.  
[\*Searching for Organics Preserved in 4.5 Billion Year Old Salt\*](#) [#6024]
- 4:20 p.m. Flynn G. J. \*  
[\*X-Ray Computed Microtomography and Fluorescence Microtomography: Non-Invasive Screening Tools for Returned Rock and Core Samples from Mars and Other Solar System Bodies\*](#) [#6001]
- 4:40 p.m. DISCUSSION
- 5:00 p.m. DIRECTED DISCUSSION