

Monday, February 13, 2012
CHEMICAL CLUES
1:30 p.m. Samuel H. Scripps Auditorium

Chair: Andrew Steele

- 1:30 p.m. Bada J. * [INVITED]
Chemical Signs of Life
- 2:00 p.m. Bourbin M. D. * Derenne S. Gourier D. Le Du Y.
[EPR Study of Paleogene to Precambrian Cherts: Reassessing the Use of EPR for the Detection of Contaminations in Precambrian Cherts](#) [#6008]
- 2:20 p.m. Anderson M. S. *
[Detection of Long Chain Bio-Polymers Using Atomic Force Microscopy](#) [#6012]
- 2:40 p.m. Stephenson T. A. * Burton A. S. Lehman N. Dworkin J. P.
[Ultrasensitive Detection of Terran DNA for Planetary Protection](#) [#6039]
- 3:00 p.m. DISCUSSION
- 3:20 p.m. *Coffee Break*
- 3:40 p.m. Carr C. E. Lui C. S. * Rowedder H. Zuber M. T. Ruvkun G.
[Nucleic-Acid Sequencing for Life Detection and Characterization](#) [#6044]
- 4:00 p.m. Soto C. * Diaz-Espinoza R.
[Proteins as Infectious Agents and Identification of Prion-Like Self-Propagating Proteins in Extraterrestrial Samples](#) [#6050]
- 4:20 p.m. Glavin D. P. * Burton A. S. Callahan M. P. Elsila J. E. Stern J. C. Dworkin J. P.
[Strategies for Distinguishing Abiotic Chemistry from Martian Biochemistry in Samples Returned from Mars](#) [#6006]
- 4:40 p.m. DISCUSSION