

Monday, April 21, 2008
SAMPLE REQUIREMENTS FROM THE
ASTROBIOLOGY POINT OF VIEW
1:30 p.m. Alvarado ABC

Chairs: C. P. McKay
G. J. MacPherson

Steele A. * [INVITED] (20 minutes)

Talk Development of Procedures and Protocols for the Collection and Characterization of Martian Samples. Experience from the Field and Lab

McKay C. P. * [INVITED] (20 minutes)

Astrobiology with a Groundbreaker Sample Return Mission [#4033]

Kraft M. D. * Rampe E. B. Sharp T. G. (15 minutes)

The Biological Potential of the Northern Plains for Mars Sample Return [#4049]

Boston P. J. * Spilde M. N. Northup D. E. Todd P. (15 minutes)

Extremophile Microorganism Communities in Sulfates and Other Sulfur Minerals a Sample Return Target Materials [#4053]

Allen C. C. * Oehler D. Z. (15 minutes)

Sample Return from Ancient Hydrothermal Springs [#4011]

Kotler J. M. * Hinman N. W. Richardson C. D. McJunkin T. Scott J. R. (15 minutes)

Geochemistry and Astrobiology Science Payoff Using Laser Desorption Fourier Transform Mass Spectrometry (LD-FTMS) Techniques for Mars Sample Return [#4054]

Spilde M. N. * Boston P. J. Northup D. E. Odenbach K. J. (15 minutes)

Rock Coatings: Potential Biogenic Indicators [#4045]

Grady M. M. * Pearson V. K. Gilmour I. Gilmour M. A. Verchovsky A. B. Watson J. Wright I. P. (15 minutes)

Identification (or Otherwise) of Martian Carbon in Martian Meteorites [#4062]

Conley C. A. * [INVITED] (20 minutes)

Planetary Protection Considerations for Mars Sample Return [#4060]