

Thursday, July 31, 2008
MARTIAN METEORITES
14:00 Small Hall

Chairs: F. Albarede
T. Usui

- 14:00 Lin Y. * Liu T. Shen W. Xu L. Miao M.
[Grove Mountains \(GRV\) 020090: A Highly Fractionated Lherzolithic Shergottite](#) [#5076]
- 14:15 Schwenzer S. P. * Herrmann S. Ott U.
[Noble Gases in Two Shergottites and a Nakhlite from Antarctica: Y-000027, Y-000097, and Y-000593](#) [#5009]
- 14:30 Nagao K. * Park J.
[Noble Gases and Cosmic-Ray Exposure Ages of Two Martian Shergottites, RBT 04262 and LAR 06319, Recovered in Antarctica](#) [#5200]
- 14:45 Theis K. J. * Lyon I. Burgess R. Turner G.
[Iron Isotope Composition of Zoned Carbonates from ALH 84001](#) [#5218]
- 15:00 Dauphas N. * Morris R. V.
[Iron Isotopes in Products of Acid-Sulfate Basalt Alteration: A Prospective Study for Mars](#) [#5119]
- 15:15 Tomkinson T. * Wade J. Busemann H. Franchi I. A. Hagermann A. Wright I. P. Wolters S. Grady M. M.
[Studying the Oxygen and Carbon Isotope Characteristics of Carbonate Analogues to ALH 84001](#) [#5286]
- 15:30 Poulet F. * Sautter V. Mangold N. Bibring J.-P. Bardintzeff J.-M. Platevoet B. Langevin Y. Gondet B.
[The Martian Surface Revisited by MEx/OMEGA and Implications for the Formation of Shergottites](#) [#5051]
- 15:45 Scorzelli R. B. * Munayco P. Varela M. E.
[Fe²⁺ Disorder Study in Pyroxene from the Shergotty Meteorite by Mössbauer Spectroscopy](#) [#5059]
- 16:00 McAdam A. C. Hoffman E. J. * Coleman A. Jr. Sharp T. G. Harvey R. P.
[Iron Oxides in Ferrar Dolerite Weathering Products \(Martian Soil Analogs\)](#) [#5293]
- 16:15 Needham A. W. * Smith C. L. Sephton M. A. Martins Z. Russell S. S.
[Gamma Irradiation Effects on Martian Analogues](#) [#5279]
- 16:30 Hoffmann V. * Funaki M. Torii M. Hochleitner R. Classen N.
[Systematic Survey on the Magnetic Signature of Martian Meteorites \(SNC\): Extending the Database](#) [#5233]
- 16:45 Albarede F. *
[Water in Terrestrial Planets](#) [#5117]

- 17:00 Spencer L. M. * McKay D. S. Gibson E. K. Thomas-Keprta K. L.
Wentworth S. J. Clemett S. J.
[*Observation and Analysis of Martian Meteorite Y-000593: Evidence of Biosignatures*](#) [#5114]
- 17:15 Thomas-Keprta K. L. * Clemett S. J. McKay D. S. Gibson E. K.
Wentworth S. J. FEI Corporation
[*Reassessment of the "Life on Mars" Hypothesis*](#) [#5212]