

Tuesday, August 3, 2004
THE MARTIAN SURFACE
13:30 Rio de Janeiro I

Chairs: T. Swindle
J. Zipfel

- 13:30 Toporski J. * Steele A.
Evidence of Biological Activities in a Depth Profile Through Martian Meteorite Nakhla [#5197]
- 13:45 Nishiizumi K. *
Exposure Histories of Lunar and Martian Meteorites [#5108]
- 14:00 Rodionov D. Schröder C. Klingelhöfer G. * Morris R. V. Bernhardt B. de Souza P. A. Jr.
 Yen A. Renz F. Wdowiak T. Squyres S. W. Athena Science Team
Mössbauer Investigation of 'Bounce Rock' at Meridiani Planum on Mars — Indications for the First Shergottite on Mars [#5219]
- 14:15 Zipfel J. * Anderson R. Brückner J. Clark B. C. Dreibus G. Economou T. Gellert R.
 Klingelhöfer G. Lugmair G. W. Ming D. Rieder R. Squyres S. W. d'Uston C. Wänke H.
 Yen A. Athena Science Team
APXS Analyses of Bounce Rock — The First Shergottite on Mars [#5173]
- 14:30 McSween H. Y. Jr.* Jolliff B. L.
Basaltic Rocks at the Meridiani and Gusev MER Landing Sites on Mars [#5032]
- 14:45 Boynton W. * Janes D. Kerry K. Kim K. Reedy R. Evans L. Starr R. Drake D.
 Taylor J. Wänke H.
Maps of Elemental Abundances on the Surface of Mars [#5206]
- 15:00 Spray J. G. *
Developing Prototype Cross-Sections of the Uppermost Martian Crust [#5225]
- 15:15 Elliott B. E. * Spray J. G.
A 3D Investigation of Valles Marineris [#5187]
- 15:30 DeCarli P. S. * El Goresy A. Xie Z. Sharp T. G.
A Low Pressure Ejection Mechanism for Martian Meteorites? [#5098]
- 15:45 Swindle T. D. * Plescia J. B. McEwen A. S.
Exploring a Possible Shergottite Source Crater and Calibrating the Martian Cratering Chronology [#5149]
- 16:00 Klingelhöfer G.* [INVITED]
Mössbauer Mineralogy of Soils and Rocks at Meridiani Planum and Gusev Crater on Mars and its Implications on the History of Water on Mars [#5231]