

Tuesday, July 27, 2010
POSTER SESSION: NEW DEVELOPMENTS IN
EXTRATERRESTRIAL SAMPLE ANALYSIS AND SPACE EXPLORATION
6:30 p.m. Forum

Borg J. Rotundi A. Brunetto R. Baratta G. A. Dartois E. Brucato J. R. Della Corte V. d'Hendecourt L. Djouadi Z. Colangeli L. Mennella V. Palumbo M. E. Palumbo P.

[*Spectroscopic Investigation of Grains from Track 134 IN Stardust Tile C2103*](#) [#5006]

Ott U. Haubold R. Herrmann S. Sudek C.

[*Ureilite Noble Gases Measured by Multiple Ion Counting Mass Spectrometry*](#) [#5096]

Nakamura N. Nyquist L. E. Reese Y. Shih C.-Y.

[*Determination of Stable Chlorine Isotopic Composition for Planetary Materials by TIMS*](#) [#5141]

Koch A. Britt D. Consolmagno G. Rochette P.

[*A Non-Destructive Method to Determine the Low Temperature Heat Capacity of Meteorites*](#) [#5163]

Round S. Flemming R. L. Beausoleil Y. McCausland P. J. A.

[*Classification of Meteorites by Olivine Unit Cell Using Micro X-Ray Diffraction*](#) [#5230]

Oshtrakh M. I. Patrusheva D. G. Petrova E. V. Grokhovsky V. I. Semionkin V. A.

[*Study of ⁵⁷Fe Occupying the M1 and M2 Sites in Olivine from Pallasites Omolon and Seymchan Using Mössbauer Spectroscopy*](#) [#5264]

Jabeen I. Ali A. Srinivasan G.

[*Determination of Gd and Sm Isotopic Composition in Rock Samples Using TIMS: Applications for Cosmic Ray Produced Secondary Neutron Capture*](#) [#5328]

Fries M. Bhartia R.

[*UV Fluorescence/Raman Imaging of Allende*](#) [#5441]

Uymina K. A. Grokhovsky V. I. Karabanalov M. S.

[*Identification and Study of Roaldite in Sikhote-Alin IIAB Using EBSD Method*](#) [#5067]

Rauschenbach I. Jessberger E. K. Pavlov S. G. Schröder S. Hübers H.-W.

[*Close-Up LIBS for Space Exploration*](#) [#5045]

Palomba E. Zinzi A. Longobardo A. Zampetti E. Pantalei S. Bearzotti A. Macagnano A. Saggin B.

[*VISTA-Volatile In Situ Thermogravimetric Analyzer: Detection of Volatiles in Planetary Environments*](#) [#5387]

Hagiya K. Mikouchi T. Zolensky M. E. Ohsumi K. Terada Y. Yagi N. Takata M.

[*Derivation of the Cell Parameters of Meteoritic Olivine in a Thin Section by Energy-scanning X-Ray Diffraction with Synchrotron Radiation*](#) [#5083]

Zhang J. Dauphas N. Davis A. M.

[*A New Chemical Separation Method for MC-ICPMS Measurement of Titanium Isotopic Compositions in Natural Materials*](#) [#5170]

Salge T. Goran D.

[*"Going Nano": Technological Advances in EDS/EBSD Analysis and Their Mineralogical Applications*](#) [#5346]