

Friday, July 18, 2008
SPACE WEATHERING AND TAXONOMIES
3:30 p.m. Harborside D

Chairs: Faith Vilas
Mark Loeffler

- 3:30 p.m. Mumma M. J. * DiSanti M. A. Bonev B. P. Villanueva G. L. K. Magee-Sauer K. Gibb E. L.
[*An Emerging Taxonomy for Comets Based on Organic Parent Volatiles: Implications for Dynamical and Chemical Processes in the Proto-Planetary Disk*](#) [#8282]
- 3:45 p.m. Schleicher D. G. * Bair A. N.
[*Compositional Taxonomy of Comets and the Unique Cases of 96P/Machholz 1 and 73P/Schwassmann-Wachmann 3*](#) [#8174]
- 4:00 p.m. DeMeo F. E. * Bus S. J. Binzel R. P. Slivan S. M.
[*Bus-DeMeo Taxonomy: Extending Asteroid Taxonomy into the Near-Infrared*](#) [#8186]
- 4:15 p.m. Vilas F. * Sykes M. V.
[*Low Albedo Main-Belt Asteroids: Aqueous Alteration Trends with Smaller Diameters*](#) [#8343]
- 4:30 p.m. Willman M. C. * Moskovitz N. A. Jedicke R. Nesvorný D. Ivezić Z. Fevig R.
[*Space Weathering Rate Redetermination Using Iannini Asteroid Family Spectra*](#) [#8193]
- 4:45 p.m. Loeffler M. J. * Baragiola R. A.
[*Laser Irradiation of Olivine: Space Weathering Effects*](#) [#8229]