

Tuesday, March 22, 2016

[T327]

## POSTER SESSION I: MARS GEOMORPHOLOGY FROM ORBIT

6:00 p.m. Town Center Exhibit Area

McEwen A. S. Sutton S. S. Hansen C. J. HiRISE Team *POSTER LOCATION #431*  
[The First Decade of HiRISE at Mars](#) [#1372]

Happy DTMs are here again, for Landing Sites you can trust. Size does matter. Remember the anaglyph!

Fernando J. Schmidt F. Douté S. *POSTER LOCATION #432*  
[Martian Surface Microtexture Estimated from Orbit: A New Perspective for the Characterization of Geological Processes](#) [#1665]

The surface microtexture estimated from orbit using photometry shows that Mars experimented varied geological processes still preserved in the microtexture.

Hill J. R. Christensen P. R. *POSTER LOCATION #433*  
[A Quality Constrained THEMIS Daytime Infrared Global Mosaic](#) [#2326]

A quality constrained version of the THEMIS Day IR Global Mosaic has been compiled using images acquired during the first fourteen years of the Odyssey mission.

Liu Y. Glotch T. D. Scudder N. A. Kraner M. L. Conduis T. et al. *POSTER LOCATION #434*  
[Spectral Unmixing of CRISM Hyperspectral Data Over Southwest Melas Chasma, Mars](#) [#2838]

We report the spectral unmixing analysis of CRISM data over SW Melas Chasma and how we use the derived mineral abundances to better understand its water history.

Lowe D. R. Bishop J. L. Beyer R. A. Wilhelm M. B. Wray J. J. et al. *POSTER LOCATION #435*  
[Characterization of Aeolian and Sedimentary Features in the Mawrth Vallis Region, Mars](#) [#1651]

Bedrock in the Mawrth Vallis region, Mars, includes over 300 m of interlayered sediments including aeolian basaltic detritus and subaqueous clay-bearing beds.

Orosei R. Cantini F. Caprarelli G. Carter L. M. Papiano I. et al. *POSTER LOCATION #436*  
[Radar Sounding by MARSIS Over Lucus Planum, Mars](#) [#1869]

Probed by the MARSIS radar sounder, Lucus Planum is found to be laterally inhomogeneous, its central part consisting of denser, more radar-attenuating material.