

Thursday, March 21, 2013

[R731]

**POSTER SESSION: PLANETARY CARTOGRAPHY: MAPPING**  
**6:00 p.m. Town Center Exhibit Area**

Bunte M. K. Greeley R. Doggett T. Figueredo P. Tanaka K. et al. **POSTER LOCATION #600**  
[Finalization of the Global Geologic Map of Europa](#) [#2978]

We present an update on the 1:15M global geologic map of Europa with insight into the formation and stratigraphic relationships between chaos and linea.

White O. L. Schenk P. M. **POSTER LOCATION #601**  
[A New Global Topographic Map of Io Using Galileo Stereo and Limb Data](#) [#2484]

We are creating a global topographic map of Io, controlled using Galileo limb profiles, which also represent an independent topographic database.

Platz T. Michael G. G. Tanaka K. L. Skinner J. A. Jr. Fortezzo C. M. **POSTER LOCATION #602**  
[Crater Dating of Geological Units on Mars: Methods and Application for the New Global Geological Map](#) [#2340]

For the new global geological map of Mars unit model ages were determined in a consistent way. Applied methods and approaches are described in detail.

Crown D. A. Berman D. C. Chuang F. C. **POSTER LOCATION #603**  
[Geologic Mapping of the Southern Extent of Tharsis Volcanism in MTM -35137 Quadrangle, Daedalia Planum, Mars](#) [#2499]

Geologic and flow field mapping are being used to understand the styles and timing of volcanism at the southern margin of the Tharsis region of Mars.

Bleacher J. E. Williams D. A. Mougini-Mark P. J. Shean D. Greeley R. **POSTER LOCATION #604**  
[Geologic Map of the Olympus Mons Volcano, Mars](#) [#2074]

We discuss results from our geologic mapping project of the Olympus Mons volcano, Mars.

Garry W. B. Williams D. A. Bleacher J. E. **POSTER LOCATION #605**  
[Geologic Mapping of Arsia and Pavonis Montes, Mars](#) [#1647]

Geologic mapping of two of the three Tharsis Montes volcanoes. Lava in the sky. A duo of a trio. Not paint by numbers.

Smith M. C. Spudis P. D. **POSTER LOCATION #606**  
[Geological Map of the Nectaris Basin and its Deposits](#) [#1248]

The purpose of this project is to update the geological map of the Nectaris basin in light of new data and to unravel its stratigraphy.

Fortezzo C. M. Hare T. M. **POSTER LOCATION #607**  
[Completed Digital Renovation of the 1:5,000,000 Lunar Geologic Map Series](#) [#2114]

We have completed digitizing the 1:5M-scale lunar maps to LOLA and WAC global basemaps and have them available for use in geographic information system formats.

Mest S. C. Calzada-Diaz A. Bleacher J. E. Petro N. E. Yingst R. A. **POSTER LOCATION #608**  
[Update on the Scientific Characterization of Lunar Regions of Interest](#) [#2630]

We are using several datasets to characterize the geology, develop hypothetical traverses, and evaluate the scientific "value" of each lunar region of interest.