Thursday, March 24, 2016
POSTER SESSION II:  LAVA-ICE INTERACTIONS ON MARS
6:00 p.m.  Town Center Exhibit Area

Cassanelli J. P.  Head J. W.  POSTER LOCATION #295
Lava Heating and Loading of Ice Sheets on Early Mars:  Predictions for Meltwater Generation, Groundwater Recharge, and Resulting Landforms [1176]
We model the accumulation of lava flows atop Late Noachian ice deposits and test predictions for melting, groundwater recharge, and resulting geomorphology.

Berman D. C.  Rodriguez J. A. P.  POSTER LOCATION #296
Evidence for Magmatism as a Trigger for Catastrophic Floods in Ravi Vallis, Mars [2674]
Current geologic mapping in Xanthe Terra has produced evidence for lava flows emanating from the same source as the floods forming Ravi Vallis.

Graettinger A. H.  POSTER LOCATION #297
A Database of Maar Caters on Earth to Enable Investigation of Maars on Mars [1586]
Quantification of maar crater shape on Earth in a database to identify candidate maar craters on Mars.

Campbell A.  Ackiss S. E.  Horgan B.  POSTER LOCATION #298
Morphology of Possible Subglacial Volcanoes in the Sisyphi Montes Region of Mars [1554]
Sisyphi Montes / Morphologies seemed to form / Far under glaciers.

Voigt J.  Hamilton C. W.  POSTER LOCATION #299
Investigating the Volcanic or/and Fluvioflacial Origin of Surficial Deposits in Eastern Elysium Planitia, Mars [2849]
Our work examines geologic features and facies relationships to investigate the origin of the surface in eastern Elysium Planitia on Mars.

Sutton S. S.  Hamilton C. W.  Bleacher J. E.  POSTER LOCATION #300
Investigating Channel Morphologies in the Eastern Olympus Mons Region of Mars: Implications for Volcanic and Fluvial Processes [2759]
We analyzed two fissures east of Olympus Mons using high-resolution topography to describe the relationship between fissure geometry and channel morphology.