

Tuesday, March 22, 2016

[T345]

POSTER SESSION I: ENVIRONMENTAL ANALOGS: VENUS, THE MOON, AND EUROPA
6:00 p.m. Town Center Exhibit Area

- Buchan K. L. Ernst R. E. **POSTER LOCATION #656**
[*Giant Circumferential Dyke Swarms on Earth as Possible Analogues of Coronae on Venus*](#) [#1183]
 A new class of dyke swarms on Earth, giant circumferential swarms, is introduced; these are potential terrestrial analogues of Venusian Coronae.
- Yang H. W. Zhao W. J. Xiong S. Q. Feng B. Z. Wang Q. et al. **POSTER LOCATION #657**
[*Lunar Basalt Experimental Fields Detections and Suggestions for Future Lunar Missions*](#) [#1399]
 Lunar basalt experimental field built in China with similar environment to Moon's makes effective approaches and required equipment available for future missions.
- Kamps O. M. Offringa M. J. Foing B. H. **POSTER LOCATION #658**
[*Preparations ExoGeoLab Lander for Lunar Analogue Field Campaign, Eifel, Germany*](#) [#2508]
 As preparation for a lunar sample return mission we will present results and lessons learned from a lunar analog campaign with the ExoGeoLab lunar lander.
- Cross M. D. G. McIsaac K. A. **POSTER LOCATION #659**
[*Driving in the Dark: Results from South Lunar Pole Analogue Study*](#) [#2221]
 Results of a study teleoperating a rover in harsh lighting conditions analogous to the lunar south pole.
- Berisford D. F. Hand K. P. Skiles S. M. Duffy E. R. Richardson M. L. et al. **POSTER LOCATION #660**
[*Europa Landing Site Analog: LiDAR Surveys of Devil's Golf Course as a Pathological Case for the Surface Morphology of Europa*](#) [#2771]
 Aerial LiDAR surveys over Devil's Golf Course provide insight to guide early concept development efforts for the Europa Lander.
- Lawrence J. D. Schmidt B. E. Winslow L. Doran P. Kim S. et al. **POSTER LOCATION #661**
[*Insight into Ice-Ocean Interactions on Earth and Europa*](#) [#2161]
 Earth's thick ice shelves provide an important analog for the physicochemical, and potentially microbial, characteristics of icy worlds such as Europa.
- Kintner P. Winebrenner D. P. Koutnik M. Matsuoka K. MacGregor J. A. **POSTER LOCATION #662**
[*Estimating Oxygen Flux into Subglacial Lake Vostok, Antarctica, Using the Relationship Between Temperature and Englacial Radar Attenuation*](#) [#2824]
 We use a 1-D temperature model to constrain the oxygen flux into Subglacial Lake Vostok, an Europa analog environment, using englacial radar attenuation.