**POSTER SESSION I: ENVIRONMENTAL ANALOGS: VENUS, THE MOON, AND EUROPA**

6:00 p.m. Town Center Exhibit Area

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**POSTER LOCATION #656**

**Buchan K. L. Ernst R. E.**

**Giant Circumferential Dyke Swarms on Earth as Possible Analogues of Coronae on Venus**

A new class of dyke swarms on Earth, giant circumferential swarms, is introduced; these are potential terrestrial analogues of Venusian Coronae.

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**POSTER LOCATION #657**

**Yang H. W. Zhao W. J. Xiong S. Q. Feng B. Z. Wang Q. et al.**

**Lunar Basalt Experimental Fields Detections and Suggestions for Future Lunar Missions**

Lunar basalt experimental field built in China with similar environment to Moon’s makes effective approaches and required equipment available for future missions.

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**POSTER LOCATION #658**

**Kamps O. M. Offringa M. J. Foing B. H.**

**Preparations ExoGeoLab Lander for Lunar Analogue Field Campaign, Eifel, Germany**

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.

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**POSTER LOCATION #659**

**Cross M. D. G. McIsaac K. A.**

**Driving in the Dark: Results from South Lunar Pole Analogue Study**

Results of a study teleoperating a rover in harsh lighting conditions analogous to the lunar south pole.

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**POSTER LOCATION #660**


**Europa Landing Site Analog: LiDAR Surveys of Devil’s Golf Course as a Pathological Case for the Surface Morphology of Europa**

Aerial LiDAR surveys over Devil’s Golf Course provide insight to guide early concept development efforts for the Europa Lander.

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**POSTER LOCATION #661**

**Lawrence J. D. Schmidt B. E. Winslow L. Doran P. Kim S. et al.**

**Insight into Ice-Ocean Interactions on Earth and Europa**

Earth’s thick ice shelves provide an important analog for the physicochemical, and potentially microbial, characteristics of icy worlds such as Europa.

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**POSTER LOCATION #662**

**Kintner P. Winebrenner D. P. Koutnik M. Matsuoka K. MacGregor J. A.**

**Estimating Oxygen Flux into Subglacial Lake Vostok, Antarctica, Using the Relationship Between Temperature and Englacial Radar Attenuation**

We use a 1-D temperature model to constrain the oxygen flux into Subglacial Lake Vostok, an Europa analog environment, using englacial radar attenuation.