

Thursday, March 22, 2018 [R628]
POSTER SESSION II: HUMAN EXTRA VEHICULAR ACTIVITY (EVA) RESEARCH
6:00 p.m. Town Center Exhibit Area

Miller M. J. Young K. Graff T. Coan D. Abercromby A. **POSTER LOCATION #444**
[*Envisioning and Supporting the Demands of Future Scientific Exploration Operations*](#) [#2222]

This abstract explores Extravehicular Activity (EVA) as a formal work domain and the resultant implications for promoting scientific exploration operations.

Young K. E. Graff T. G. Coan D. Reagan M. Todd W. et al. **POSTER LOCATION #445**
[*Conducting Science-Driven Extravehicular Activities During Planetary Surface Exploration — The NEEMO \(NASA Extreme Environment Mission Operations\) 22 Mission*](#) [#2422]

The NEEMO 22 mission investigated objectives relevant to future crewed planetary surface exploration using an integrated EVA and science team.

Walker M. L. Naidu A. J. Hood A. D. Coan D. Reagan M. et al. **POSTER LOCATION #446**
[*A Modular Equipment Transport System for Planetary Surface Operations*](#) [#2350]

This abstract summarizes the development and evaluation of a modular concept for transporting tools, equipment, and samples during planetary surface operations.

Bessone L. Sauro F. De Waele J. **POSTER LOCATION #447**
[*The ESA CAVES Astronaut Training Program: Speleology as an Analogue for Space Missions*](#) [#1458]

The European Space Agency is using scientific expeditions into caves as a novel platform for astronaut training for future planetary missions.

Buckner D. K. de Leon P. **POSTER LOCATION #448**
[*Weather Balloon Extravehicular Activity Launch in the Inflatable Lunar Martian Analog Habitat*](#) [#2917]

A weather balloon launch was conducted by crew members in the Inflatable Lunar Martian Analog Habitat to prepare for weather forecasting in martian settlements.