

Tuesday, March 21, 2017  
**POSTER SESSION I: PUBLIC ENGAGEMENT**  
 6:00 p.m. Town Center Exhibit Area

[T325]

Hines R. Schrader D. L. Wadhwa M. **POSTER LOCATION #385**  
[\*Current and Future Public Engagement at ASU's Center for Meteorite Studies\*](#) [#1597]

The ASU Center for Meteorite Studies continues to develop new ways to engage the public and expand awareness and understanding of the science of meteoritics.

Day B. H. Law E. S. **POSTER LOCATION #386**  
[\*Enhanced Education and Engagement Applications of NASA Lunar and Planetary Mapping and Modeling\*](#) [#2768]

New features in NASA Lunar and Planetary and Mapping and Modeling portals provide enhanced capabilities for education and public engagement.

Craig P. I. Shupla C. Hackler-Smith A. Shaner A. Kramer G. et al. **POSTER LOCATION #387**  
[\*Enhancing Public Engagement Through the Lunar and Planetary Institute's Portable Planetarium\*](#) [#1492]

LPI offers a portable planetarium for educators to borrow for free to share the night sky with students and to directly convey their own wonder and excitement.

Mader M. M. Tait K. T. Ireland D. **POSTER LOCATION #388**  
[\*Museums and Planetary Missions\*](#) [#2804]

Museums, as trusted institutions by the public, provide an opportunity to increase the EPO impact of planetary missions through multi-platform initiatives.

Davis L. M. Silva V. H. Estes N. M. Boyd A. K. Bowley K. S. **POSTER LOCATION #389**  
[\*Engaging Students and the Public by Demonstrating Geologic and Scientific Concepts with DTM-Based Visualization in Blender\*](#) [#2545]

The LROC SOC team is creating a series of educational videos to highlight both geologic and exploration concepts using Blender and SPICE.

Foing B. H. Jonglez C. Guinet V. Monnerie M. **POSTER LOCATION #390**  
 Kleinschneider A. M. et al.  
[\*Moon Village Activities Update\*](#) [#2746]

We give an update on Moon Village open concept towards sustainable human and robotic activities on the lunar surface with multiple use by multiple users.

Yoshikawa M. Yamaguchi T. Yasuda T. Mishima K. Inoue T. et al. **POSTER LOCATION #391**  
[\*Public Outreach of Hayabusa2 Mission: Observation Campaigns of Hayabusa2 Earth Swing-By and Asteroid Ryugu\*](#) [#1416]

We report recent two successful outreach activities related to Hayabusa2 missions. They are Earth swing-by observation campaign and Ryugu observation campaign.

Hunter M. A. Hare T. M. Hayward R. A. **POSTER LOCATION #392**  
[\*MESSENGER Image and Topographic Maps of Mercury: Progress and Process\*](#) [#1550]

In progress report of 10M-scale global imagery and topography maps of Mercury from MESSENGER MDIS global image mosaic and DEM to be published as a USGS SIM map.

Allton J. H.

**POSTER LOCATION #393**

[Value of Sample Return and High Precision Analyses: Need for a Resource of Compelling Stories, Metaphors, and Examples for Public Speakers](#) [#2105]

Proposal to survey community to determine type and format of resources on “high precision analyses” to aid in public engagement.

Bleacher L. V. Jones A. J. P. Runyon C. Hall C.

**POSTER LOCATION #394**

Heliophysics Education Consortium et al.

[The 2017 Total Solar Eclipse and International Observe the Moon Night: Opportunities to Engage the American Public in Lunar and Space Science](#) [#2191]

2017 presents an amazing opportunity to engage the public, with a total solar eclipse on 21 August and International Observe the Moon Night on 28 October.