

Thursday, March 22, 2018
POSTER SESSION II: PUBLIC ENGAGEMENT
6:00 p.m. Town Center Exhibit Area

[R643]

Grier J. A. Richardson M. Gay P. Robbins S. Lehan C. et al. **POSTER LOCATION #683**
[Crater Identification and Incidence Angle: A Preliminary Look Through the Eyes of CosmoQuest's Citizen Scientists](#) [#2479]

We present preliminary results from our investigation of the effects of incidence angle on crater counting using the CosmoQuest Citizen Science Platform.

Day B. H. Bland P. A. Sayers R. **POSTER LOCATION #684**
[Fireballs in the Sky: Citizen Science with the Desert Fireball Network](#) [#2229]

Fireballs in the Sky is an innovative Australian citizen science program that connects the public with the research of the Desert Fireball Network.

Hill J. R. Christensen P. R. **POSTER LOCATION #685**
[Walk on Mars: Program Overview and Initial Lessons Learned](#) [#1615]

The THEMIS Day IR with Colorized MOLA Elevation Global Map has been printed on a 47.5ft × 95ft vinyl mat, so that observers can view the map in its entirety.

Graff P. V. Foxworth S. Miller R. Runco S. Luckey M. K. et al. **POSTER LOCATION #686**
[Science Engagement Through Hands-On Activities that Promote Scientific Thinking and Generate Excitement and Awareness of NASA Assets, Missions, and Science](#) [#2647]

Hands-on activities that infuse NASA content and assets promote scientific thinking and generate excitement and awareness of NASA science and exploration.

Shupla C. Shaner A. Kramer G. Newsom H. Schenk P. et al. **POSTER LOCATION #687**
[Preparing Planetary Scientists to Engage Audiences](#) [#2168]

Planetary scientists play a critical role in engaging audiences. LPI is supporting planetary scientists in their efforts to share their science and experiences.

Maldonado E. Olgin J. G. De La O O. **POSTER LOCATION #688**
[Impact of Planetariums in Education, Community Engagement, and STEM Related Fields](#) [#2714]

The paper reviews the impact planetariums have in education, community engagement, and STEM related fields focusing on The Roddenberry Planetarium.

Crapster-Pregont E. J. Gemma M. E. Emmart C. Trakinski V. Smith R. L. et al. **POSTER LOCATION #689**
[OpenSpace: Setting the Universe Free](#) [#2111]

OpenSpace: An open source interactive tool to visualize the entire known universe and dynamic data from observations, simulations, and space mission operations.

Cousins C. R. Brooke J. Robinson R. GeoBus Team **POSTER LOCATION #690**
[GeoBus Mission to Mars: A UK STEM Education and Outreach Resource](#) [#2298]

GeoBus Mission to Mars! is a public engagement and educational resource developed to teach and inspire the public about Mars exploration.

Manaud N. Nass A. Lewando M. van Gasselt S. Rossi A. P. et al. **POSTER LOCATION #691**
[OpenPlanetaryMap: Building the First Open Planetary Mapping and Social Platform for Researchers, Educators, Storytellers, and the General Public](#) [#1081]

OpenPlanetaryMap is the first open planetary mapping and social platform for space enthusiasts, planetary scientists, educators, and storytellers.

Law E. S. Day B. H. **POSTER LOCATION #692**
[STEM Engagement with NASA's Solar System Treks Portals for Lunar and Planetary Mapping and Modeling](#) [#1680]
 NASA's Solar System Treks online portals make it easy for students and the public to explore surfaces of planetary bodies using real data from real missions.

Shaner A. J. Blackwell J. Shupla C. Hackler A. **POSTER LOCATION #693**
[Bring Your Jacket; It's Going to Be Cold: Explore the Solar System in VR and AR](#) [#2929]
 Is it real or not? / Virtual and augmented / Explore the planets.

Wasser M. Jones A. Bleacher L. Keck A. Petro N. **POSTER LOCATION #694**
[Sharing Science Through Social Media: Lessons from @NASAMoon and the Lunar Reconnaissance Orbiter](#) [#2884]
 People love the Moon / Especially on Twitter / Come and be social!

Jones A. J. P. Bleacher L. V. Wasser M. L. Petro N. E. Wright E. et al. **POSTER LOCATION #695**
[NASA's Lunar Reconnaissance Orbiter Mission Support for the 2017 Solar Eclipse](#) [#2797]
 All eyes on the Moon / During the solar eclipse / Take advantage, all!

Olgin J. G. De la O O. P. **POSTER LOCATION #696**
[Solar Eclipse and Lunar Observation Events: Education and Public Outreach at the El Paso Community College — Transmountain Campus Through Service Learning](#) [#1663]
 Service learning programs integration and enhancing educational and public outreach initiatives.

Schreiner B. P. Michael G. **POSTER LOCATION #697**
[Image Enhancement and Mosaicking for High Quality Public and Educational Outreach Imagery of Planetary Image and Elevation Data](#) [#2357]
 Image processing techniques will be shown that cover colour and anaglyph mosaicking, digital terrain model modification, 3D visualisation of planetary surfaces (Neukum Crater).

Aubele J. C. Crumpler L. S. **POSTER LOCATION #698**
[21st Century Natural History: Using Planetary Geology to Enhance the Presentation of Geoscience in Natural History Museums](#) [#2620]
 The New Mexico Museum of Natural History and Science uses the excitement of NASA missions and the science of planetary geology to effectively teach geoscience.

Keane J. T. **POSTER LOCATION #699**
[Pluto and Ceres — Illustrated](#) [#2981]
 Over the past three years, Ceres and Pluto have transformed from solitary pixels into colorful, beautiful worlds. I have recorded this transformation with artwork.

Foing B. H. Kolodziejczyk A. M. Heinicke C. Lillo A. Schlacht I. et al. **POSTER LOCATION #700**
[MoonVillage Worldwide Activities: Update for LPSC 2018 and Apollo 16/17 Tribute](#) [#1988]
 The Moon Village is an open concept for a sustainable surface human and robotic presence with multiple users. We report on 2017 events, with special tribute to Apollo 16 and 17.

Milazzo M. P. Etheridge A. Hörst S. **POSTER LOCATION #701**
[USGS StepUp! Employee Empowerment Strategies: A Bystander Intervention Program Designed for Scientific Workplaces](#) [#2214]
 Harassers take note / No more behavior harmful / To community.