**The Challenge of Evaluating Large Outreach Events: Results and Recommendations from Evaluation Efforts of International Observe the Moon Night (InOMN)**

We report challenges and recommendations of evaluating large public events using lessons learned from this year’s International Observe the Moon Night (InOMN).

**Ten Years of Exhibits, Education and Public Outreach Presenting the Mars Exploration Rover Mission at the New Mexico Museum of Natural History and Science**

Two million visitors, over the past ten years, have seen the MER exhibit and learned about Mars at the New Mexico Museum of Natural History and Science.

**Mars and Beyond: A Panel and Games at the Museum of Science Boston**

In the second year of this ongoing project we aim to grow the previous event via community participation and create a platform for local area researchers to engage the public.

**Mars and the Mojave: A Planetary Analog Festival in Death Valley National Park**

Death Valley National Park martian analog festivals celebrate the rich heritage of martian analog research in Death Valley National Park.

**Curiosity on Mars: Experiencing the Red Planet in the Fulldome / Immersive Planetarium Environment**

Fernbank Science Center’s planetarium is featuring live weekly updates about Mars, featuring Curiosity Rover images with a new fulldome/immersive projection system.

**Storytelling in the Planetarium: Keeping it Casual and Making Connections**

Storytelling in a planetarium is a fun way for planetary scientists to connect with the public; we discuss guidelines for telling engaging (science) stories.

**“Mars is Hard”: The NASA Scorecard for Mars Exploration**

The public is fascinated by Mars and its exploration. In sharing that excitement, a consistent use of terminology and performance statistics is required.

**SPACE 365: An App Connecting You - and your Audience - to Space**

The “SPACE 365” app has been created to help learners/educators of all types use space-related historical events to enhance education/public outreach efforts.