

Tuesday, March 19, 2013

[T637]

**POSTER SESSION: EDUCATION AND OUTREACH: EDUCATION PROGRAMS**  
**6:00 p.m. Town Center Exhibit Area**

Kortenkamp S. J. Baldrige A. M. Bleamaster L. F.

Buxner S. R. Canizo T. L. et al.

**POSTER LOCATION #509**

[Computer Visualizations for K–8 Science Teachers in Professional Development Workshops at the Planetary Science Institute](#) [#2575]

We highlight the development of enhanced computer visualizations for professional development workshops for elementary and middle-school science teachers.

Jones A. J. P. Hsu B. C. Hessen K. Buxner S. R. Canipe M.

**POSTER LOCATION #510**

[Lunar Workshops for Educators: Evaluation Results from Year Three](#) [#2532]

The Lunar Workshops for Educators (LWE) are designed to educate and inspire grade 6–12 science teachers about lunar science and exploration, sponsored by LRO.

Bleacher L. V. Farrell W. M. Gross N. Weir H.

**POSTER LOCATION #511**

[DREAM Lunar Extreme Program and Workshop: An Effective Afterschool Program for High School Students](#) [#2342]

Students in the DREAM Lunar Extreme Program and Workshop placed a high value on the interaction with scientists, demonstrating the importance of scientist involvement in E/PO.

Graff P. V. Achilles C. N.

**POSTER LOCATION #512**

[Engaging Students Through Classroom Connection Webinars to Improve Their Understanding of the Mars Science Laboratory Mission](#) [#2097]

MSL-focused webinars increase awareness and understanding of the mission by engaging students with scientists who share the story and science of the mission.

Bryan W. T.

**POSTER LOCATION #513**

[A Journey Through the Solar System: Outreach at the Arkansas Center for Space and Planetary Sciences](#) [#2248]

A new outreach activity developed by the Arkansas Center for Space and Planetary Sciences enables students to experience a scaled solar system and mission.

Vizi P. G. Sipos A.

**POSTER LOCATION #514**

[Simulated Mars Rover Model Competition 2012-2013](#) [#2850]

Report about the Simulated Mars Rover Competition of 2012–2013. 2013 — To build well-balanced double wheels, to put and collect probes in a maze routed surface.

Lang Á. Szalay K. Horváth T. Prajczner P. Láng M. et al.

**POSTER LOCATION #515**

[Planetary Rover Robotics Experiment in Education: Carbonate Rock Collecting Experiment of the Husar-5 Rover of the Széchenyi István High School, Sopron, Hungary](#) [#2353]

Experiment for Husar-5 educational space probe rover consists of (1) carbonate by acid test, (2) measuring gases liberated by acid, and (3) magnetic test.

Hegyí S. Imrek Gy. Gocze Z. Markovics Z. Kereszturi Á.

**POSTER LOCATION #516**

[Husar eRover — Web Accessible Planetary Probe in the Laboratory](#) [#2445]

The autonomous Husar eRover is described that is used at the university education. It is controlled from the web to test remote work on planetary surfaces.

Resnick I. Davatzes A. Shipley T. F.

**POSTER LOCATION #517**

[Teaching Large-Scale Temporal and Spatial Magnitudes Required in Planetary Science Classes Using Cognitive Principles](#) [#2450]

The aim of this abstract is to outline cognitive science research on magnitude representation and analogical reasoning as it relates to planetary sciences.