Tuesday, March 17, 2015

POSTER SESSION I: EDUCATION AND PUBLIC OUTREACH:
ENGAGING AUDIENCES THROUGH TECHNIQUES, TOOLS, AND ACTIVITIES
6:00 p.m.  Town Center Exhibit Area

Buxner S.  Grier J.  Gross N.  Schultz G.  Low R.  et al.  POSTER LOCATION #645
NASA Resources Supporting Higher Education in Earth and Space Science [#2256]
We present resources for college faculty developed by members of NASA’s Science Mission Directorate Forums and Missions.

Graff P. V.  Rampe E.  Stefanov W. L.  Vanderbloemen L.  Higgins M.  POSTER LOCATION #646
Engaging Students with Subject Matter Experts and Science Content Through Classroom Connection Webinars [#2907]
Webinars connect classrooms with subject matter experts and enable them to “translate” current research bringing science to life in classrooms nationwide.

Runyon C. J.  Hall C.  Hurd D.  Allen J.  POSTER LOCATION #647
Powered by STEAM: Exploring Small Bodies in Our Solar System [#1526]
To prepare students for a highly visual and tactile workforce, it is imperative to engage students through a variety of learning strategies and technologies.

Torres J. A.  Saavedra F.  Tovar D.  POSTER LOCATION #648
Literary Production in Science Fiction Like a Tool for Teaching Planetary Sciences in Colombia [#2461]
The literary science fiction as a teaching tool for planetary science in Colombia is an alternative that learning the planetary science community is facilitated.

Hargitai H.  Gede M.  Zimbelman J.  Köszeghy Cs.  Sirály D.  et al.  POSTER LOCATION #649
Planetary Map Series for Children [#2257]
The paper describes wall maps of Venus, the Moon, Mars, Io, Europa, and Titan designed for children.

Foxworth S. F.  Luckey M. L.  Allen J. A.  McInturff B. Mc.  Kascak A. K.  POSTER LOCATION #650
Lunar and Meteorite Sample Disk for Educators [#2948]
The Lunar and Meteorite Sample Disk Program provide physical samples for educators with special training to have their students conduct investigations like true scientists.

Klug Boonstra S.  Swann J. L.  Boonstra D. W.  Manfredi L.  Zippay J. A.  POSTER LOCATION #651
Bringing Authentic STEM Experiences to K–14 Students: Astrobiobound! The Search for Life in the Solar System [#2853]
Astrobiobound! meets the needs of NGSS and helps students see how science and systems engineering are integrated to achieve a focused scientific goal.

Rodriguez Hidalgo P.  Mazrouei S.  Strubbe L.  Esteves L.  Williams M.  et al.  POSTER LOCATION #652
Fun Hands-On Classroom Astronomy Activities Inspired by the Latest Discoveries [#1576]
New inquiry-based activities, inspired by the latest discoveries, designed by professional astronomers and planetary scientists.

Fraile J. C.  POSTER LOCATION #653
Implementation of Fluorescence Spectroscopy as Basic Laboratory Practice to Introduce to the Students of High School and Undergraduate Education to Chemical and Instrumental Analysis Techniques Used in Planetary Science [#2922]
We propose a laboratory practice about the fluorescence spectroscopy in the area of basic chemistry in high school and undergraduate education.
Schreiner B. P. van Gasselt S.  
*POSTER LOCATION #654*

*Overview of Techniques Used for the Production of High Quality Public and Educational Outreach Imagery of Mars Express’ HRSC Data [#2215]*

Techniques for imaging HRSC data are presented: orthorectified high resolution color mosaics, color-coded DTM, anaglyph images, and perspective color views.

*POSTER LOCATION #655*

*Interactive Mapping of Mars (iMARS): A New Online E/PO Activity [#2104]*

Here we present and launch iMARS, which is a new online E/PO activity focused on carrying out and designing missions to the surface of Mars.