

Sunday, March 12, 2006
OPEN HOUSE EDUCATION AND PUBLIC OUTREACH DISPLAYS
5:00 p.m. LPI

Shaner A. J. Laura M. Wilkins K. Tidwell L. Lombardi D.

MarsBots: A National Robotics Education Learning Module for Grades 3 and 4 [#1023]

Developed by Phoenix Mission E/PO, MarsBots is an interdisciplinary learning module designed to engage elementary students in simulated investigations of the Martian environment and the robotic technologies of space exploration.

Hudoba Gy. Hegyi S. Hargitai H. Gucsik A. Józsa S. Kereszturi A. Sik A. Szakmány Gy. Földi T. Gadányi P. Bérczi Sz.

Planetary Analog Studies and Simulations: Materials, Terrains, Morphologies, Processes: Concise Atlas in the Solar System (9), Eötvös University, Hungary [#1114]

In this third *Concise Atlas (9) of the Solar System* planetary analog studies are focused on planetary materials, terrains, morphologies and processes comparisons and it includes planetary study simulations, too.

Buxner S. R. Keller J. M. Enos H. L. Boynton W. V.

Mars GRS Curriculum Materials Educational Products [#1958]

The Mars Odyssey GRS (Gamma Ray Spectrometer) team will present our main educational products as a result of our E/PO efforts. These include six curriculum activities and two interactive web products that have been field tested in classrooms.

Stewart S. T. Griswold A. Sacco J. C. Leinhardt Z. M.

IMPACT! The Making of a Meteorite — New Visualizations for Museums and Classrooms [#1991]

We present a new 7-minute DVD video providing a self-contained explanation of the “lifetime” of a meteor, which is part of a larger E/PO educational package on scientifically accurate visualizations of impact processes.

Croft S. K. Pompea S. M.

Astronomy Village: Experiencing the Process of Science in a Multimedia Environment [#2234]

Two exciting multimedia environments have been developed to introduce middle and high school students to the research process in earth science and astronomy.

Klug S. L. Christensen P. R. Valderrama P. Grigsby B. Gootee B. Rogers L.

A Model for Engaging Teachers and Students in Authentic STEM Research: The Mars Student Imaging Project [#2448]

The Mars Student Imaging Project has engaged over 11,000 students (grades 5–14) across the U.S. in authentic science research by allowing them to access the THEMIS camera currently in orbit around Mars and research the image they target.