

Saturday, November 1, 2014
POSTER SESSION
6:00 p.m. Conference Room One

Bérczi Sz. Róka A. Nyíri Z. Varga T. Fabriczy A. Sz. Peták Cs. Hudoba Gy. Hegyi S.
Lang A. Gyollai I. Gucsik A.

[*Chemistry Experiments — For Comparative Analyses for Demonstrating Environmental Differences on Venus, Earth, Mars and Titan. — Built on Educational Space Probes Hunveyor and Husar*](#) [#4003]

We compared chemical environments of Venus, Earth, Mars and Titan by experiments planned for selection to realize them on educational space probe landers and rovers (Hunveyor and Husar) built by Hungarian universities and high schools.

Lang Á. Bérczi Sz. Szalay K. Prajczner P. Kocsis Á.

[*Planetary Rover Robotics Experiments in Education: HUSAR-5, the NXT-Based Rover Model for Measuring the Planetary Surface*](#) [#4004]

We report about the work of the HUSAR-5 groups from the Széchenyi István Gimnázium High School Sopron, Hungary. We build and program robot-rovers, that can autonomous move and measure on a planetary surface.

Nagy Sz. Gyollai I. Gucsik A. Bérczi Sz.

[*Cleavage Induced Akimotoite Transformation in Shocked Chondrites*](#) [#4009]

We present here a rare pyroxene-akimotoite phase transformation type which is occurs in shocked chondrites.

Gyollai I. Bérczi Sz. Nagy Sz. Gucsik A.

[*Thermal and Shock Metamorphosis in NWA-5011 L6 Chondrite*](#) [#4013]

This work emphasize shock and thermal metamorphosis of meteorites, description of chondrule textures and their impact-related alteration processes (e.g. shearing, formation of high pressure minerals), and reclassification of petrologic type NWA 5011.