

Tuesday, July 24, 2018

POSTER SESSION I: NEOS HAZARDS: MULTIDISCIPLINARY APPROACH

5:30 p.m. Foyer

Grokhovsky V. I. Gladkovsky S. V.

[*The Impact Mechanical Tests of Seymchan and Chinga Meteorites*](#) [#6276]

We discuss the comparative tests results of impact strength for octahedrite and ataxite in the temperature range 193–300 K.

Podobnaya E. D. Glazachev D. O. Popova O. P. Svetsov V. V. Shuvalov V. V.

[*Scaling Relations for Radiation Effects due to Impacts of Large Cosmic Objects*](#) [#6030]

Scaling relations for radiation effects due to impacts of large cosmic objects are constructed based on numerical simulations. The source function is similar to the point source.

Silber E. A. Gritsevich M. Boslough M. Hocking W. K. Whitaker R. W.

[*Shock Waves Generated by Meteoroids Impacting the Earth's Atmosphere: A Comprehensive Review*](#) [#6186]

We present the up-to-date and comprehensive review of meteor generated shock waves in the Earth's atmosphere with the aim to build a go-to resource for anyone interested in the phenomena of meteor generated shock waves.

Naroenkov S. Glazachev D. Kartashova A. Popova O.

[*The Constructor of Orbits for the Impact Effect Calculator*](#) [#6317]

Next-generation Impact Effect Calculator for assessment of impact consequences is discussed. The constructor of orbits was added in the calculator. It can be possible to manipulate with the orbital parameters and to determine impact point is included.