

[823]

PRINT ONLY: SMALL BODIES

Biele J. Grott M.

[*Reference Heat Capacity for Asteroid Regolith from 10 to 1000K*](#) [#1877]

A new cp-equation for lunar material, 0–1400K, is given. It can be extended to variable FeNi and carbon/organics content.

Busarev V. V. Scherbina M. P. Kokhirova G. I. Khamroev U. Kh. Mullo-Abdolv A. Sh. et al.

[*Confirmations of \(704\) Interamnia's Sublimation Activity Near Perihelion*](#) [#1989]

We have obtained new spectroscopic and UBVRI-photometric data confirming sublimation activity of main-belt primitive asteroid (704) Interamnia near perihelion.

Gundlach B. Blum J.

POSTER LOCATION #55[*Comets — How Laboratory Experiments Can Help to Understand Their Formation and Activity*](#) [#1443]

Laboratory experiments for the investigation of the fundamentals of cometary formation and activity.

Madiedo J. M. Ortiz J. L. Trigo-Rodríguez J. M. Aceituno J. de Guindos E.

[*Orbit and Spectroscopic Analysis of an Alpha-Capricornid Fireball Recorded in 2016*](#) [#1346]

We analyze here an extraordinary mag. -11 α -Capricornid event registered in the framework of the S.M.A.R.T meteor monitoring and spectroscopic survey.

Real K. Trigo-Rodríguez J. M. Madiedo J. M. Lytinen E. Pujols P.

[*A Sporadic Meteoroid Following a Sun-Grazing Orbit Recorded on 8th May 2015*](#) [#1441]

A -10 magnitude fireball recorded by the SPMN network from Barcelona on May 8, 2015 was produced by a meteoroid following a Sun-grazing orbit is presented.

Rosaev A. E. Plavalova E.

[*On the Orbital Characteristics of Very Young Asteroid Families and Pairs*](#) [#1324]

We argued in favor of constructing a specific system of proper elements for very young asteroid families and pairs.

Shevchenko V. G. Mikhalchenko O. I. Slyusarev I. G. Belskaya I. N. Rublevsky A. N. et al.

[*Strange Asteroid \(152\) Atala*](#) [#1836]

The moderate albedo of asteroid (152) Atala was confirmed based on its magnitude-phase dependence and albedo obtained from occultation diameter.

Slyuta E. N. Voropaev S. A.

[*Gravitational Deformation of Small Kuiper Belt Objects*](#) [#1215]

Gravitational deformation of irregular small bodies is determined by the magnitude and distribution of the structural stresses under its own gravity field.

Zambon F. Tosi F. De Sanctis M. C. Stephan K. Combe J.-Ph. et al.

[*Homogeneous Units on Ceres Inferred by Classification of VIR Data from the Dawn Mission: Preliminary Results*](#) [#2124]

We applied different clustering and classification methods to spectral indices of Ceres.