

Tuesday, August 6, 2013
POSTER SESSION: EARLY SOLAR SYSTEM COLLISIONS
4:00 p.m. Alumni Hall

Davison T. M. O'Brien D. P. Collins G. S. Ciesla F. J.

[*The Early Impact Histories of Meteorite Parent Bodies*](#) [#3045]

We have developed a Monte Carlo model to quantify impact histories for meteorite parent bodies in the early solar system. We evaluate proposed scenarios for the formation and evolution the CV, CB and H chondrite parent bodies and the IAB/winonaite body.

Abdulmyanov T. R.

[*Evolution of the Orbits of Bodies Formed Within the Proto-Planetary Rings*](#) [#3011]

Accumulation of dust particles in the proto-planetary rings and determination of the orbital elements of formed bodies are considered in this work.