Tuesday, August 6, 2013
POSTER SESSION: IMPACT VAPOR, MELT, AND EJECTA
4:00 p.m. Alumni Hall

Hecht L. Hamann C. Schultze D. Ebert M. Reimold W. U. Wirth R.
Liquid Immiscibility and Disequilibrium Textures in Quenched Impact Melt of the Wabar and Tenoumer Craters **[#3115]**
Liquid immiscibility in impact melt from Tenoumer and Wabar Craters is induced by either rapid disequilibrium crystallization or addition of meteoritic iron from the projectile respectively.

Deutsch A. Metzler K. Berndt J. Langenhorst F.
LA-ICP-MS and Textural Analyses of Impact Spherules from the 2.54 Ga Bee Gorge Spherule Layer, Western Australia **[#3053]**
We have analyzed spherules in thin sections from the 2.54 Bee Gorge ejecta layer with special emphasize on the origin of textural features. We try to constrain the geochemical composition of the target using trace element analysis with LA-ICP-MS.

Swartz N. G. Davatzes A. E. K. Hassler S. W.
Size Distribution of Spherules in the Paraburdoo Spherule Layer **[#3070]**
The size distribution of spherules in the Paraburdoo spherule layer based on textural and compositional differences.

Hoffmann V. H. Kaliwoda M. Hochleitner R. Cornec J. H. Funaki M.
New Data on the Belize Tektites **[#3086]**
Belize tektites have been analyzed by magnetic means and LASER Micro Raman Spectroscopy.

King D. T. Jr. Petruny L. W.
Accretionary Lapilli (Carbonate Spherules) at the Cretaceous-Paleogene ('KT') Boundary in Belize (Central America) **[#3102]**
The Chicxulub impact event produced accretionary lapilli (or carbonate spherules) that fell across a wide area. This paper compares Chicxulub ('KT') accretionary lapilli from two sites in Belize: Albion Island and Armenia.