Thursday, July 31, 2008
IMPACT CRATERING AND SHOCK EFFECT I
08:30 Multipurpose Hall

Chairs: **C. Koeberl**
A. Walton

08:30 Yanagisawa M. * Ikegami H. Ishida M. Karasaki H. Takahashi J. Kinoshita K. Ohnishi K.
Lunar Impact Flashes by Geminid Meteoroids in 2007 **[#5169]**

08:45 Hermalyn B. * Schultz P. H. Anderson J. L. B. Heineck J. T.
Evolution of Impact Ejection Angles: Implications for Early-Stage Coupling **[#5234]**

09:00 Herd C. D. K. Walton E. L. * Froese D. G. Herd E. P. K. Kofman R. S.
The Discovery of a Late Holocene Impact Crater near Whitecourt, Alberta **[#5108]**

09:15 Koeberl C. *
Impactor Type of the Late Eocene Age Impact Craters on Earth: Constraints from Impactite Studies at the Chesapeake Bay Impact Structure **[#5313]**

09:30 Bartosova K. * Mader D. Schmitt R. T. Koeberl C. Reimold W. U.
Alteration of Impactites from the Chesapeake Bay Impact Structure, USA **[#5097]**

09:45 Folco L. * D'Orazio M. Ottolini L. Tonarini S. Rochette P.
Transantarctic Mountain Microtektites: New Petrographic Data, Water Content, and Nd and Sr Isotopic Composition **[#5086]**

10:00 Deutsch A. Langenhorst F. * Heide K. Luetke S.
Bediasites and Ivory Coast Tektites: Gas Content and Compositional Homogeneity **[#5262]**

10:15 Schulte P. Deutsch A. *
ODP LEG207 — A Surprisingly Pristine K-T Boundary. I — Sedimentology, Mineralogy, Sr-Nd Isotope Systematics **[#5185]**

10:30 Nishioka I. Funaki M. *
Irreversible Changes in Anisotropy of Magnetic Susceptibility: Study of Basalt from Lonar Crater and Experimentally Impacted Basaltic Andesite **[#5207]**

10:45 Swindle T. D. * Kimura M.
^{40}Ar-^{39}Ar Studies of Heavily-shocked Yamato Chondrites **[#5045]**

11:00 Ozawa S. * Ohtani E. Suzuki A. Miyahara M. Terada K. Kimura M.
Pressure-Temperature Conditions and U-Pb Ages of Shock Melt Veins in L6 Chondrites **[#5042]**

11:15 Miyahara M. * Kimura M. Ohtani E. El Goresy A. Ozawa S. Nagase T. Nishijima M.
Further Evidence for Ubiquitous Fractional Crystallization of Wadsleyite and Ringwoodite from Olivine Melt **[#5017]**

11:30 El Goresy A. * Miyahara M. Ohtani E. Nagase T. Nishijima M. Washaei Z. Ferroir T. Gillet Ph. Dubrovinsky L. Simionovici A.
Evidence for Fractional Crystallization of Wadsleyite and Ringwoodite from Individual Olivine Melt Pockets in Chondrules Entrained in Shock Melt Veins **[#5002]**

11:45 Sharp T. G. * Xie Z. De Carli P. S.
Shock Veins in L6 Chondrites and Constraints on the Impact History of the L6 Parent Body **[#5317]**