

Monday, September 24, 2007
WELCOME SESSION
8:30 a.m. Salle I

- 8:30 a.m. Welcome Address and Introduction
- 8:40 a.m. Overview Presentation: Impact Cratering Since BG1

INITIAL ENERGY DEPOSITION AND SHOCK WAVE PROPAGATION
9:00 a.m. Salle I

Chairs: M. R. Dence
G. S. Collins

- 9:00 a.m. Melosh H. J. * [INVITED]
The Contact and Compression Stage of Impact Cratering [#8060]
- 9:30 a.m. Kenkmann T. * [INVITED]
Hypervelocity Collisions of Projectiles and Targets: Shock Wave Propagation in Heterogeneous Rocks Inferred from Microstructures [#8031]
- 10:00 a.m. QUESTIONS
- 10:10 a.m. BREAK
- 10:20 a.m. Baldwin E. C. * Milner D. J. Burchell M. J. Crawford I. A.
Shock Wave Propagation and Damage to the Target in Oceanic Impact Events [#8015]
- 10:35 a.m. Milner D. J. * Baldwin E. C. Burchell M. J.
Influence of a Water Layer on the Impact Cratering Process and the Fate of the Projectile [#8023]
- 10:50 a.m. Taylor E. A. * Tsembeles K. Kearsley A. T. Miljkovic K.
Further Development of a Hugoniot for Yorkshire Sandstone [#8067]
- 11:05 a.m. Mohr T. * Reimold W. U. Riller U. Gibson R. L.
Analysis of Small-Scale Pseudotachylitic Breccia Zones from the Central Uplift of the Vredefort Impact Structure, South Africa [#8018]
- 11:20 a.m. Dence M. R. *
An Inconvenient View: Interpreting How Shock-induced Fractures Influence Impact Crater Development [#8066]
- 11:35 a.m. Pierazzo E. * Artemieva N. Asphaug E. Cazamias J. Coker R.
 Collins G. S. Crawford D. A. Gisler G. Holsapple K. A. Housen K. R.
 Ivanov B. Korycansky D. G. Melosh H. J. Taylor E. A. Turtle E. P. Wünnemann K.
The Impact Hydrocode Benchmark and Validation Project: First Benchmark and Validation Tests [#8038]
- 11:50 a.m. DISCUSSION
- 12:45 p.m. LUNCH