

Monday, September 24, 2007
SHOCK MELTING, METAMORPHISM, AND DAMAGE TO THE TARGET
2:00 p.m. Salle I

Chairs: E. Pierazzo
M. J. Burchell

- 2:00 p.m. Wünnemann K. * Deutsch A. [INVITED]
Impact Metamorphism: On the Width of the Gap Between Observation and Modeling — The Geologist's View vs. the Modelers Assessment I [#8027]
- 2:30 p.m. Deutsch A. * Wünnemann K. [INVITED]
Impact Metamorphism: On the Width of the Gap Between Observation and Modeling — The Geologist's View vs. the Modelers Assessment II [#8029]
- 3:00 p.m. QUESTIONS
- 3:10 p.m. Schultz P. H. *
Impact Cratering in Soft Sediment Layers [#8033]
- 3:25 p.m. Harris R. S. * Schultz P. H. King P. L.
The Fate of Water in Melts Produced During Natural and Experimental Impacts into Wet, Fine-grained Sedimentary Targets [#8051]
- 3:40 p.m. BREAK
- 3:50 p.m. Osinski G. R. * Grieve R. A. F. Spray J. G.
Effect of Target Lithology on Impact Melting [#8044]
- 4:05 p.m. Spray J. G. *
Friction Melting Mechanics: Experimental Evidence Relevant to Impact Cratering [#8055]
- 4:20 p.m. Reimold W. U. * Gibson R. L.
Pseudotachylitic Breccia Development in Impact Structures — Status of Research in the Vredefort Dome (South Africa) and Basis for Process Modeling [#8011]
- 4:35 p.m. Stewart S. T. * Senft L. E.
Frictional Melting and Complex Crater Collapse [#8021]
- 4:50 p.m. Burchell M. J. * Kearsley A. T. Hörz F.
Stardust Craters and Tracks: In Space and in the Laboratory [#8006]
- 5:05 p.m. DISCUSSION
- 6:00 p.m. ADJOURN