

**Tuesday, September 25, 2007**  
**PLUME EVOLUTION AND EJECTA EMPLACEMENT (PROXIMAL AND DISTAL)**  
**2:00 p.m. Salle I**

**Chairs: K. Housen**  
**R. Herrick**

- 2:00 p.m. Artemieva N. \* [INVITED]  
*Impact Plume Numerical Modeling* [#8026]
- 2:20 p.m. Anderson J. L. B. \* [INVITED]  
*Experimental Studies of Ejecta Dynamics: Implications for Scaling and Models* [#8043]
- 2:40 p.m. Osinski G. R. \* [INVITED]  
*Impact Ejecta Emplacement: Observations from Earth, Moon, and Mars* [#8074]
- 3:10 p.m. QUESTIONS
- 3:20 p.m. Barnouin-Jha O. S. \* Cintala M. J. Crawford D. A. Anderson J. L. B.  
Yamamoto S. Sugita S.  
*Effects of Target Properties on the Formation of Laboratory Scale Impact Craters* [#8059]
- 3:35 p.m. Collins G. S. \* Wünnemann K  
*The Effect of Porosity and Friction on Ejection Processes: Insight from Numerical Modeling* [#8040]
- 3:50 p.m. BREAK
- 4:00 p.m. Schultz P. H. \* Crawford D. A.  
*Comparing Laboratory and Hydrocode Experiments for Oblique Impacts into Spherical Targets* [#8049]
- 4:15 p.m. Richardson J. E. \* Melosh H. J.  
*A Model to Determine Cometary Properties from the Ejecta Plume Behavior Resulting from Deep Impact* [#8017]
- 4:30 p.m. Wright S. P. \*  
*Ejecta Localities of Intermediately Shocked and Shock-melted Impactites in Terrestrial Ejecta and Modeling Constraints on Their Formation and Deposition* [#8061]
- 4:45 p.m. Scheider K. C. Cox R. \*  
*Ice-penetrating Impacts: Insights from Hypervelocity Impact Experiments and Galileo Image Mapping of Europa* [#8034]
- 5:00 p.m. DISCUSSION
- 6:00 p.m. ADJOURN