

Tuesday, September 25, 2007
MECHANICS OF COMPLEX CRATER FORMATION
8:30 a.m. Salle I

Chairs: J. G. Spray
K. Wünnemann

- 8:30 a.m. Collins G. S. * [INVITED]
The Effect of Target Strength Variations on Complex Crater Formation: Insight from Numerical Modelling [#8039]
- 9:00 a.m. McKinnon W. B. * [INVITED]
The Mechanics of Complex Crater and Ringed Basin Formation: Constraints from 30 Years of Planetary Observations [#8072]
- 9:30 a.m. QUESTIONS
- 9:40 a.m. Elbeshausen D. * Poelchau M. Wünnemann K. Kenkmann T.
Structural Signatures of Oblique Impacts — Insights from Numerical Modeling [#8047]
- 9:55 a.m. Morgan J. * Barton P. Christeson G. Gulick S. Collins G.
Asymmetry of the Chicxulub Crater — Is It Produced by Asymmetry in the Target? [#8028]
- 10:10 a.m. BREAK
- 10:20 a.m. Riller U. * Boutelier D. Cruden A. R. Schrank C.
Kinematic Evolution of the Sudbury Basin Inferred from Analogue Modelling and Structural Ground Truth [#8007]
- 10:35 a.m. Nycz J. C. * Hildebrand A. R.
Constraining Strength Properties in Martian Surface Layers by Modelling the Peripheral Peak Ring Impact Crater Morphology [#8030]
- 10:50 a.m. Boyce J. M. *
Depth and Diameter Relationships of Martian and Terrestrial Planet Complex Impact Craters [#8063]
- 11:05 a.m. Senft L. E. * Stewart S. T.
Diagnostic Features from Modeling Impact Cratering in Icy Layered Terrains [#8008]
- 11:20 a.m. Bray V. J. * Collins G. S. Morgan J. V. Schenk P. M.
The Effect of Target Properties on Impact Crater Morphology — Comparison of Craters on Icy and Silicate Bodies [#8056]
- 11:35 a.m. DISCUSSION
- 12:45 p.m. LUNCH