

Wednesday, February 1, 2012
INVENTORY AND EVOLUTION OF IMPACT BASINS
3:25 p.m. Lecture Hall

Geophysical Methods and Modeling are Used to Further Evaluate Impact Basins

Chair: James Head

- 3:25 p.m. Frey H. V. * Meyer H. M. Romine G. C.
[*Improving the Inventory of Large Lunar Basins: Using LOLA Data to Test Previous Candidates and Search for New Ones*](#) [#4005]
- 3:45 p.m. Potter R. W. K. * Collins G. S. Kiefer W. S. McGovern P. J. Kring D. A.
[*Thermal Conditions During the Lunar Basin-Forming Epoch: Insights from the Numerical Modeling of Lunar Basin-Forming Impacts*](#) [#4009]
- 4:05 p.m. Kiefer W. S. * McGovern P. J. Potter R. W. K. Collins G. S. Kring D. A.
[*The Collapse of Super-Isostasy: The Thermal Evolution of Large Lunar Impact Basins and a Volcanic Intrusion Model for Lunar Mascon Gravity Anomalies*](#) [#4026]
- 4:25 p.m. Roberts J. H. * Barnouin O. S.
[*The Effect of the Caloris Impact on the Mantle Dynamics and Volcanism of Mercury*](#) [#4037]