

Thursday, March 21, 2013
POSTER SESSION: CERES
6:00 p.m. Town Center Exhibit Area

[R711]

Bland M. T. Singer K. N. McKinnon W. B.

POSTER LOCATION #129[*The Surface Topography of Ceres: Pre-Dawn Predictions for Extensive Viscous Relaxation*](#) [#1655]

Warm surface temps and a putative ice layer result in extensive viscous relaxation of even small impact craters. Equatorial/polar craters are erased/preserved.

Dombard A. J. Schenk P. M.

POSTER LOCATION #130[*The Giant Cue Ball: Efficient Relaxation of Ceres' Craters*](#) [#1798]

We model the relaxation of Ceres' craters, finding only the freshest and highest-latitude craters should show any significant topography to the Dawn spacecraft.

Blewett D. T. Levy C. L.

POSTER LOCATION #131[*Radiative-Transfer Model Reflectance Spectra of Potential Ceres Mineral Assemblages*](#) [#1271]

Model reflectance spectra for mixtures of Ceres analog phases. Assessment of the Dawn Framing Camera filters that may best distinguish among the analogs.

Neveu M. Desch S. J. Castillo-Rogez J. C.

POSTER LOCATION #132[*Cracking in Ceres' Core as an Opportunity for Late Hydrothermal Activity*](#) [#2216]

Calculations of the cracking depth and timescale of hydrothermal circulation in Ceres' core to estimate the extent of geochemical processes in Ceres' history.