

Tuesday, March 24, 2009
POSTER SESSION I: ICY SATELLITES: CRYPTIC CRATERS
6:30 p.m. Town Center Exhibit Area

Kirchoff M. R. Schenk P.

[*Impactor Populations in the Saturnian System: Constraints from the Cratering Records*](#) [#2067]

We use the cratering records of heavily cratered terrains of Mimas, Tethys, Dione, Rhea, and Iapetus to help constrain characteristics of impactor populations in the saturnian system.

Karpes B. A. Stoddard P. R.

[*The Cataloging of Craters on Enceladus*](#) [#1306]

We catalog craters of Enceladus, using publicly available images, and make some preliminary analysis.

Yozzo J. E. Kirchoff M. R. Schenk P.

[*Apex-Antapex Asymmetry of Impact Crater Density on Ganymede's Dark Terrain*](#) [#2214]

This abstract focuses on the asymmetry of impacts between Ganymede's apex and antapex of motion using the dark terrain of Ganymede and attempts to provide an explanation for the lack of a large predicted asymmetry.

Mukherjee P. Barlow N. G.

[*A Catalog of Impact Craters on Ganymede*](#) [#2071]

We are compiling a catalog of all impact craters on the jovian moon Ganymede which are larger than 3 km in diameter. We discuss preliminary results regarding interior morphologies associated with these craters.

Alzate N. Barlow N. G.

[*Analysis of Central Pit Craters on Ganymede and Implications for Pit Formation Models*](#) [#1921]

We have completed our survey of central pit craters on Ganymede. We discuss the characteristics and distributions of these central pit craters and the implications for central pit formation models.