

Wednesday, August 15, 2007
THE VIOLENT MOONS: ERUPTIONS, PLUMES, AND TECTONICS
8:30 a.m. Boulderado Ballroom

- Chairs:** J. Rathbun
S. Kattenhorn
- 8:30 a.m. Hurford T. *
The Role of Tides in Tectonic Formation and Eruption Activity on Satellites in the Outer Solar System [#6089]
- 8:50 a.m. Kattenhorn S. A. * Groenleer J. M. Marshall S. T. Vetter J. C.
Shearing-induced Tectonic Deformation on Icy Satellites: Europa as a Case Study [#6014]
- 9:02 a.m. Patterson G. W. * Head J.
Kinematic Analysis of Triple Junctions on Europa [#6018]
- 9:14 a.m. Schenk P. * Matsuyama I. Nimmo F.
Global Scale Small Circle Depressions and Polar Wander on Europa [#6090]
- 9:26 a.m. Collins G. C. *
Bright Terrain Tectonics and the Evolution of Ganymede [#6041]
- 9:38 a.m. Nimmo F. * Roberts J. H. Spencer J. R. Pappalardo R. T. Prockter L. M. Mullen M. E.
Shear Heating in the Outer Solar System [#6015]
- 9:50 a.m. Smith-Konter B. R. * Crawford Z. Pappalardo R. T.
Tidally Driven Fault Deformation and Stress Accumulation at Enceladus's Tiger Stripes [#6062]
- 10:02 a.m. McKinnon W. B. * Barr A. C.
The Mimas Paradox Revisited Plus Crustal Spreading on Enceladus? [#6083]
- 10:14 a.m. DISCUSSION
- 10:34 a.m. COFFEE BREAK
- 10:46 a.m. Gregg T. K. P. * Lopes R. M.
Volcanic Depressions and Lava Lakes on Earth, Mars, Venus, Io and Titan [#6054]
- 11:06 a.m. Spitale J. N. * Porco C. C.
The Jets of Enceladus Erupt from the Warmest Regions on Its South Polar Fractures [#6085]
- 11:18 a.m. Schneider N. M. * Burger M. E. Johnson R. E. Kargel J. S. Schaller E. L. Brown M. E.
Constraints on the Salinity of Enceladus' Plumes [#6028]
- 11:30 a.m. Barnes J. W. * Brown R. H. Soderblom L. Sotin C. LeMouelic S. Rodriguez S. LeCorre L. Buratti Bonnie J. Pitman K. M. Clark R. N. Jaumann R. Hayne P.
Titan as an Icy Moon: Evidence for Cryovolcanism and Tectonics from Cassini/VIMS [#6066]
- 11:42 a.m. Spencer J. R. * Stern S. A. Moore J. Lopes R. M. C. Retherford K. Abramov O. Showalter M. Cheng A. F. Weaver H. A. Reuter D. C. Lunsford A. Olkin C. Throop H. Jessup K. L.
New Horizons Observations of Io's Volcanism [#6030]

11:54 a.m. Rathbun J. A. * Spencer J. R.
Groundbased Observations of Io in Support of the New Horizons Flyby [#6009]

12:06 p.m. DISCUSSION

12:26 p.m. LUNCH BREAK