

Tuesday, August 14, 2007
COMPOSITION: THE TOP FEW MICRONS
8:30 a.m. Boulderado Ballroom

Chairs: D. Cruikshank
J. Kargel

- 8:30 a.m. Dalton J. B. *
Surface Compositions of the Icy Satellites [#6086]
- 8:50 a.m. Mastrapa R. M. E. * Bernstein M. P. Sandford S. A.
Near Infrared Spectra of Pure Ices and Mixtures Relevant to Icy Satellites [#6048]
- 9:02 a.m. Cruikshank D. P. *
Carbon Dioxide on the Satellites of Saturn [#6011]
- 9:14 a.m. Hendrix A. R. * Hansen C. J.
Ultraviolet Measurements of the Surfaces of the Icy Saturnian Satellites [#6069]
- 9:26 a.m. Hansen G. B. *
Widespread CO₂ and Other Non-Ice Compounds on the Anti-Jovian and Trailing Sides of Europa from Galileo/NIMS Observations [#6023]
- 9:38 a.m. Hudson R. L. * Moore M. H.
Laboratory Studies of the Formation and Stability of Hydrates Relevant to Icy Surfaces [#6032]
- 9:50 a.m. Dalton J. B. III *
Modeling Europa's Surface Composition with Cryogenic Sulfate Hydrates [#6057]
- 10:02 a.m. DISCUSSION
- 10:22 a.m. COFFEE BREAK
- 10:34 a.m. Gerakines P. A. * Richey C. R.
Near-Infrared Spectra of UV-Photolyzed Laboratory Analogs of Planetary Ices [#6034]
- 10:46 a.m. Hendrix A. R. * Johnson R. E.
The Icy Galilean Satellites as Measured by the Galileo UVS [#6077]
- 10:58 a.m. Hibbitts C. A. * Szanyi J.
Physisorption: Trapping Volatiles in the Surfaces of Icy Satellites [#6036]
- 11:10 a.m. Kargel J. S. *
Theory of Geochemical/Geological Homology Applied to Hydrocarbon and Organic Substances on Icy Satellites and Other Solid Planetary Objects [#6084]
- 11:22 a.m. McCarthy C. * Goldsby D. L. Cooper R. F. Durham W. B. Kirby S. H.
Steady-State Creep Respose of Ice-I/Magnesium Sulfate Hydrate [#6075]
- 11:34 a.m. DISCUSSION
- 11:54 a.m. LUNCH BREAK