

Tuesday, November 6, 2007

POSTER SESSION II:

GIANT-PLANET AERONOMY/CHEMISTRY/STRUCTURE/DYNAMICS

4:00 p.m.

- 2.01 Ingersoll A. P.
Planetary Atmospheres Discoveries by the Cassini Spacecraft [#9076]
- 2.02 Matcheva K. M. Barrow D.
Dynamically Driven Small-Scale Variations in the Distribution of H_3^+ Ions in the Jovian Non-Auroral Ionosphere [#9017]
- 2.03 Livengood T. A. Kostiuk Th.
An Investigation of Solar Cycle Control of Jovian Aurora [#9066]
- 2.04 Delgado J. D. Blass W. E. Hewagama T. Kostiuk T.
 $^{14}CO_2$ Laser Heterodyne Measurements of Frequencies and Intensities of Ethane near 12 Microns [#9068]
- 2.05 Hewagama T. Blass W. E. Kostiuk T. Delgado J.
High Resolution IR Spectroscopy: A Laboratory Program in Support of Planetary Atmospheric Research [#9070]
- 2.06 Brown L. Drouin B. Miller C. Pearson J. Orton G. Toth R. Benner C. Devi M. Blake T. Masiello T. Sams R. Butler R. Champion J. Chelin P. Dehayem A. Kleiner I. Orphal J. Sagui L. Gamache R. Humphrey C. Liu W. Predoi-Cross A. Unnikrishnan A. Muller H. Nikitini A. Rinsland C. Smith M.
Laboratory Spectroscopy of Planetary Molecules [#9081]
- 2.07 Steffes P. G. Hanley T. R. Karpowicz B. M. Devaraj K.
Laboratory Measurements of the Microwave and Millimeter-Wave Properties of Planetary Atmospheric Constituents: The Georgia Tech System [#9016]
- 2.08 Wong M. H. Kalogerakis K. S. Marschall J. Oza A. U. Engel P. A. Meharchand R. T.
Masking Jupiter's Ammonia-Ice Spectral Signatures — The Effects of Size, Shape, and Coatings [#9074]
- 2.09 Strycker P. D. Chanover N. J. Voelz D. G. Simon-Miller A. A.
Hyperspectral Imaging of Jupiter and Saturn [#9022]
- 2.10 Edgington S. G. Simon-Miller A.
Ammonia and Phosphine on Jupiter and Saturn [#9075]
- 2.11 Moses J. I. Liang M.-C. Yung Y. L. Shia R.-L.
Meridional Distribution of Hydrocarbons on Saturn: Implications for Stratospheric Transport [#9061]
- 2.12 Strong S. B. Greathouse T. K. Moses J. I. Lacy J. H.
An Updated Radiative Seasonal Climate Model for the Saturnian Atmosphere [#9079]
- 2.13 Zhang X. Liang M.-C. Moses J. Meadows V. Orton G. Yung Y. L.
Modeling Hydrocarbons in the Atmosphere of Neptune and Comparison with Spitzer Observations [#9053]

- 2.14 Fahr A. Halpern J. B. Laufer A. H. Zhao Y. L. Tardy D. C.
*Product Yields from Vinyl Reactions with Ethyl Radicals and Ethylene and
Photodissociation of Propene* [#9039]
- 2.15 Orton G. Hofstadter M. Leyrat C. Encrenaz T.
Spatially Resolved Thermal Imaging and Spectroscopy of Uranus and Neptune [#9018]
- 2.16 Sromovsky L. A. Fry P. M.
Spectroscopic Investigation of Uranian Cloud Structure [#9042]
- 2.17 Sugiyama K. Odaka M. Nakajima K. Hayashi Y.-Y.
Numerical Modeling of Moist Convection in Jupiter's Atmosphere [#9014]
- 2.18 Choi D. S. Showman A. P. Dowling T. E. Palotai C. J.
Numerical Simulations of Jupiter's 5-Micron Hot Spots [#9023]
- 2.19 Lian Y. Showman A. P.
Numerical Simulations of Jets on Giant Planets: Effects of Large-Scale Latent Heating [#9027]
- 2.20 Galperin B. Sukoriansky S.
*Zonostrophic Turbulence: A Paradigm of Zonation on Giant Planets and in the
Earth's Oceans* [#9046]