

Monday, July 14, 2008
POSTER SESSION I: MODELING COMETS
4:00 p.m. Laurel and Kent Rooms

Jorda L. Crovisier J. Green D. W. E.

[*The Correlation Between Visual Magnitudes and Water Production Rates*](#) [#8046]

Filonenko V. S. Churyumov K. I. Chubko L. S.

[*Solar Activity Influence Upon the Photometrical Evolution of Comets: New Phenomena*](#) [#8196]

Harris W. M. Morgenthaler J. P.

[*Interacting Gas Flows in Split Comets: A Re-Evaluation of the Perigee Outburst of C/1996B2 \(Hyakutake\)*](#) [#8383]

Kawakita H. Dello Russo N. Kobayashi H.

[*Revised Water Hot-Band Emission Model in Comets*](#) [#8104]

Rousselot P. Jehin E. Manfroid J. Hutsemékers D.

[*A Fluorescence Model for \$^{12}\text{C}^{13}\text{C}\$ in Comets*](#) [#8142]

Guirado D. Moreno F.

[*Monte Carlo Modeling of Radiative Transfer in Comets: A Search for Mechanisms Giving Circular Polarization.*](#) [#8175]

Boissier J. Bockelée-Morvan D. Crifo J.-F. Rodionov A. V.

[*Using Hydrodynamical Modeling of the CO Coma of Comet Hale-Bopp to Interpret IRAM Plateau de Bure Observations.*](#) [#8079]

Knight M. M. A'Hearn M. F. Biesecker D. A. Faury G. Hamilton D. P. Lamy P. Llebaria A.

[*Phase Angle Effects on Sungrazing Comets Observed by SOHO*](#) [#8143]

Ho T. M. Thomas N. Bertini I. Bonev T. Combi M. Tenishev V.

[*Modeling the Dust Coma and Tail of Comet 19P/Borrelly Observed from Ground During the Deep Space 1 Encounter*](#) [#8236]

González M. Gutiérrez P. J. Lara L. M. Rodrigo R.

[*Effect of the Net Energy Released in Crystallization in Cometary Models*](#) [#8188]

Rosenberg E. D. Prialnik D.

[*Dust Mantle Formation and Thermal Evolution of Comet Nuclei Using a 3-D Numerical Model*](#) [#8083]

Zakharov V. V. Crifo J. F. Lukianov G. A. Rodionov A. V.

[*Monte-Carlo Modelling of the Circumnuclear Dust Coma: Benchmark Aspherical-Homogeneous and Spherical-Inhomogeneous Nuclei*](#) [#8148]