POSTER PRESENTATIONS

SESSION 1: HALE-BOPP: WHAT MAKES A BIG COMET DIFFERENT?

Biver N., Bockelée-Morvan D., Winnberg A., Benford D., Colom P., Crovisier J., Davies J.K., Dent W.R.F., Despois D., Gardner M., Gerard E., Gunnarsson M., Henry F., Johansson L.E.B., Lellouch E., Lis D.C., Mehringer D., Monero R., Paubert G., Phillips T.G., Rantakyrö F., Rauer H., Rickman H., Wink J.
The 1995-2001 long term monitoring of comet C/1995 O1 (Hale-Bopp) at radio wavelengths

Dziak B., Krolikowska M., Leliwa-Kopysty J.
Modelling of the shape changes of Hale-Bopp nucleus caused by water ice sublimation

Kührt E.
From Hale-Bopp's activity to properties of its nucleus

Morgenthaler J.P., Harris W.M., Scherb F., Anderson Ch.M., Doane N.E., Oliversen R.J.
Hale-Bopp's gas production rate and coma structure

Szutowicz S., Krolikowska M., Sitarski G.
A study of the non-gravitational effects of the comet C/1995 O1 Hale-Bopp

SESSION 2: SPLIT COMETS

Boehnhardt H., Holdstock S., Hainaut O., Benetti S., Licandro J.
73P/Schwassman-Wachmann 3 - one orbit after splitting

Furusho R., Kawakita H., Fujii M., Kinugasa K., Takeyama A., Yamamuro T
Spectroscopic observations of comet C/2001 A2 (LINEAR) during its unusual outburst

Kiselev N., Jockers K., Rozenbush V.K.
Comparative study of the dust polarimetric properties in split and normal comets

Lukyanyk I., Churyumov K.L.
Observations of comet C/2001 A2 (LINEAR) with the multipupil field spectrograph

Mäkinen J.T.T., Bertaux J.L., Combi M.R., Quemerais E.
SWAN observations of the splitting comet C/2001 A2 (LINEAR)

Schulz R., Stüwe J.A. The dust coma of comet C/1999 S4 (LINEAR) before Disintegration

SESSION 3: PHYSICAL PROPERTIES OF COMETARY NUCLEI

Artigue F., Tancredi G., Fernandez J., Gil-Hutton R., Licandro J., Melitta M., Rickman H.
Observations of cometary nuclei

Capria M.T., Coradini A., De Sanctis M.C.
Hale-Bopp: Gas Emission and Stratigraphy from a Theoretical Model

Davidsson B., Skorov Y.V.
Synthetic reflectance spectra of cometary nuclei

Gutierrez P.J., Ortiz J.L., Rodrigo R., Lopez-Moreno J.J.
Evolution of the rotational state of irregular cometary nuclei

Lamy P., Toth I., Jorda L., Groussin O., Weaver H.A., A'Hearn M.F.
Characterization of the nucleus of comet Hale-Bopp from HST and ISO observations

Lazzaro D., Duffard R., Pinto S.S., Carvano J.M., Angeli C., Alvarez Candal A., Fernandez S.
5 years of continuous photometric monitoring of Centaur object Chiron

Lowry S.C., Weissman P.R.
CCD photometry of distant comets from Palomar and Steward Observatories

Shulman L.M., Ivanova A.V.
A model of an active region on the surface of a cometary nucleus

SESSION 4: THE RELATIONSHIP BETWEEN COMA ABUNDANCES AND NUCLEAR COMPOSITION

Andrienko, Y.
Influence of the solar UV flashes on the brightness of comet atmospheres

Biver N., Bockelée-Morvan D., Crovisier J., Colom P., Henry F., Monero R., Paubert G., Despois D., Lis D.C.
Chemical composition diversity among 23 comets observed at radio wavelengths

Canaves M.V., Boice D.C., De Almeida A.A., Sanzovo G.C.
Chemistry of CS and NS in the coma of Hale-Bopp

Crovisier J., Colom P., Gerard E., Bockelee-Morvan D.
Observations of the OH Radio Lines of Comets at NA - Recent Developments

Festou M.C., Stern S.A., Tozzi G.P., Womack M., Zucconi J.M.
On the identity of the parent of CN radicals in comets

Foing B., Ehrenfreund P., Ruiterkamp R., Ten Kate I., O'Tuairsg S., Cami J.
Complex organics from the interstellar medium to comets

Lederer S.M., Campins H.
Modeling Coma Gas Jets in Comet Hale-Bopp

Rauer H., Helbert J., Arpigny C., Boehnhardt H., Colas F., Crovisier J., Hainaut O., Jorda L., Kueppers M., Manfroid J., Thomas N.
Haser scale lengths for CN, C2, C3 and NH2 in comet Hale-Bopp for $r_h > 3$ AU

Voelzke M.R.
Disconnection events in comets

SESSION 5: DUST OBSERVATIONS AND MODELS

Hadamcik E., Renard J.B., Levasseur-Regourd A.C., Worms J.C.
Influence of sizes of dust particles on the light scattering process (PROGRA2 experiment)

Harker D.A., Wooden D.H., Woodward C.E.
Analysis of silicate dust grains in comet C/1995 O1 Hale-Bopp. Pre and post perihelion

Rosenbush V.K., Shakhovskoy N.M.
On the circular polarization of scattered light from comets C/1995 O1 Hale-Bopp and C/1999 S4 (LINEAR)

Szegö K., Crifo J.F., Rodionov A.V., Fulle M.
The near nuclear dust coma around comet Halley in March 1986

SESSION 6a: What can we learn from Space Missions?

A'Hearn, M.F. & the Deep Impact Science Team
The Deep Impact Mission

M. Benna, J.-P. Barriot, A. Piot, W. Kofman
Three Dimensional Simulation of Wave Propagation Into the Comet 46P/Wirtanen's Nucleus (Rosetta Space Mission - CONSERT Experiment)

SESSION 6b: Comet 19P/Borrelly and the DS1 Encounter

Bockelee-Morvan D., Biver N., Colom P., Crovisier J., Festou M.C., Henry F., Lecacheux A., Weaver H.A.
Radio Investigations of 19P/Borrelly in support to the Deep Space 1 Flyby

Ho T.M., A'Hearn M.F., Boice D.C., Bonev T., Jockers K., Meech K.J., Soderblom L.A., Thomas N.
Comparison of Earth-based and Deep Space 1 observations of comet 19P/Borrelly

SESSION 7: ORIGIN AND EVOLUTION OF COMETS

Kovalenko N., Babenko Yu., Churyumov K.
The modeling of orbital evolution of 2060 Chiron

Tichy M., Ticha J., Kocer M.
Confirmation of cometary features of newly discovered bodies

Abstracts on C/2000 WM1 (LINEAR)

Churyumov K., Chavushyan V., Palma A., Berezhnoi A., Lukýanyk I.
On spectra of comet C/2000 WM1 (LINEAR) obtained with 2.12 - m telescope (Mexico, Cananea) on November 21 and 23, 2001

Picazzio E., de Almeida A.A., Churyumov K.I., Andrievsky S.M., Lukýanyk I.V.
The optical spectroscopy and near infrared observations of comet C/2000 WM1 (Linear) in December 2001 in Chile and Brazil

Fukushima H., Watanabe J., Furusho R., Kawakita H., Hamane T.
Monitoring Observation of Comet C/2000WM1 (LINEAR) in Pre-Prepelihelion