Monday, March 17, 1997
DUST TO SPHERULES - CAPTIVE AND AT LARGE
2:30 p.m. Room D

Chairs: Donald E. Brownlee
Joseph A. Nuth

Hallenbeck S. L. Daukantas P. Nuth J. A.*
Mid-Infrared Spectral Evolution of Amorphous Magnesium and Iron Silicate Smokes Due to Vacuum Annealing at T >= 1000K

Liou J.-C.* Zook H. A. Grun E. Baguhl M. Linkert G. Kivelson M. Riemann R.
Masses and Velocity of Jovian Dust Streams Detected by Galileo

Nazzario R. C.* Hyde T. W.
Dust Grain Orbital Behavior Around Mars

Anderson W. W.*
Properties of Shocked Aerogel

Graham G. A.* Kearsley A. T. Grady M. M. Wright I. P.
An Fe-Ni Melt Residue Deposited in Space: a New Class of Micrometeoroid?

Keller L. P.* Messenger S. Miller M. Thomas K. L.
Nitrogen Speciation in a 15N-Enriched Interplanetary Dust Particle

Flynn G. J.* Sutton S. R.
The Chemical Composition of Cluster IDPs Using the XRF-Microscope

Brownlee D. E.* Joswiak D. Bradley J. P.
Vesicular Carbon in Strongly Heated IDPs

Rietmeijer F. J. M.*
Principal Components: Petrology and Chemistry of Polyphase Units in Chondritic Porous Interplanetary Dust Particles

Genge M. J.* Grady M. M. Hutchison R.
Free-Silica in a Non-Chondritic Micrometeorite from Antarctic Ice

Engrand C.* Kurat G. Awoke H. M. Koeberl C. Hammer C. Maurette M.
Geochemistry of Large Cosmic Spherules and Micrometeorites from Northern Greenland.

Xue S. Shih C.-Y. Wiesmann H. Brownlee D. E. Hall G. S. Herzog G. F.* Nyquist L. E.
Isotopic and Elemental Composition of Chromium, Iron, and Nickel in Type I Deep-Sea Sphere

Sharma M.* Papanastassiou D. A. Wasserburg G. J.
Os Isotopic Composition and Concentration in the Oceans: Terrestrial and Extraterrestrial Sources