

Thursday, July 31, 2003
MICROMETEORITES AND IDPs
0830 Lecture Room S8

Chairs: E. Grün
C. Engrand

Brownlee D. * Tsou P. Zolensky M. Clark B. Hörz F. Hanner M. S. Kissel J. McDonnell J. A. M
Newburn R. L. Sandford S. Sekanina Z. Tuzzolino A. J.
Initial Analysis Program for the Cometary Samples Returned by the Stardust Spacecraft Mission [#5287]

Keller L. P. * Flynn G. J.
Interplanetary Dust and Particles Captured in Aerogel: Far-Infrared Spectroscopy [#5288]

Westphal A. J. * Graham G. A. Bench G. Brennan S. Luening K. Pianetta P. Snead C. Domínguez G.
Grant P. Bajt S. Bradley J. P.
Multi-Technique Analysis of Micrometeoroids Captured in Low Earth Orbit [#5280]

Genge M. J. * Bowden E.
Flight Oriented Micrometeorites [#5107]

Yada T. * Nakamura T. Noguchi T. Ushikubo T. Hiyagon H. Sugiura N.
Mg, Si and Fe Fractionation Observed in Antarctic Silicate Spherules [#5161]

Rotundi A. * Rietmeijer F. J. M. Heymann D. Mennella V. Colangeli L.
C₆₀ in Condensed Soot Analogs: It Should be a Common Metastable Astrophysical Carbon [#5068]

Shilobreeva S. N. * Kuzmin L. E.
*Modelling of Crystals Modification and Carbon Diffusion in Olivines Induced by
Ion Bombardment* [#5012]

Tomeoka K. * Kiriyaama K. Nakamura K. Yamahana Y. Sekine T.
*Explosive Dispersal of Hydrated Asteroids by Impacts as a Mechanism to Produce
Interplanetary Dust* [#5088]

Gounelle M. * Engrand C. Bland P. A. Alard O. Zolensky M. E. Russell S. S. Duprat J.
*The Hydrogen Isotopic Composition of Fossil Micrometeorites: Implications for the Origin of Water
on Earth* [#5246]

Stadermann F. J. * Bradley J. P.
The Isotopic Nature of GEMS in Interplanetary Dust Particles [#5236]

Grün E. * Kempf S. Krüger H. Moragas-Klostermeyer G. Srama R.
Dust Astronomy [#5208]