

Tuesday, July 29, 2008
STARDUST AND MICROMETEORITES I
 08:30 Small Hall

Chairs: C. Engrand
 L. P. Keller

- 08:30 van Ginneken M. * Folco L. Rochette P.
[Micrometeorites in the 400–1100 \$\mu\$ m Size Range from the Transantarctic Mountains](#) [#5084]
- 08:45 Okazaki R. * Nakamura T.
[Mineralogy, Chemistry and Isotope Compositions of Coarse-grained Antarctic Micrometeorites](#) [#5023]
- 09:00 Noguchi T. * Ohashi N. Nishida S. Nakamura T. Aoki T. Toh S. Stephan T. Iwata N.
[Discovery of Antarctic Micrometeorites Containing GEMS and Enstatite Whiskers](#) [#5129]
- 09:15 Sakamoto K. * Nakamura T. Noguchi T. Tshuchiyama A.
[Possible Mineralogical Variation of D-type Asteroids Deduced from New Type Hydrous Micrometeorites Collected from Antarctic Snow](#) [#5140]
- 09:30 Dobrica E. * Engrand C. Quirico E. Montagnac G. Duprat J.
[New Clues on Composition and Structure of Carbonaceous Matter in Antarctic Micrometeorites](#) [#5202]
- 09:45 Engrand C. * Narcisi B. Petit J.-R. Dobrica E. Duprat J. Vaubaillon J. Colas F.
[More Clues about the EPICA – Dome C Extraterrestrial Events](#) [#5215]
- 10:00 Nishiizumi K. * Caffee M. W. Kohno M. Misawa K. Tomiyama T.
[Large Meteoritic Impact on Antarctic Ice Sheet 434 kyr Ago — Micrometeorites Found in the Dome Fuji Ice Core](#) [#5291]
- 10:15 Westphal A. J. * Allen C. Bajt S. Bastien R. Bechtel H. A. Bleuet P. Borg J. Brenker F. Bridges J. Brownlee D. E. Butterworth A. L. Burchell M. Burghammer M. Clark B. Cloetens P. Cody G. Ferroir T. Floss C. Flynn G. Frank D. Gainsforth Z. Gruen E. Hoppe P. Kearsley A. Kelley N. Lemelle L. Leroux H. Nittler L. R. Lettieri R. Mendez B. Marchant W. Sandford S. A. See T. Simionovici A. Stadermann F. Sternovsky Z. Stroud R. M. Susini J. Sutton S. Tsou P. Tsuchiyama A. Tyliczszak T. Vekemans B. Vincze L. Warren J. Zolensky M.
[Stardust Interstellar Preliminary Examination — First Results](#) [#5305]
- 10:30 Stadermann F. J. * Floss C.
[Determining the Elemental and Isotopic Makeup of Cosmic Dust from Residues in Impact Craters: Preparation for the ISPE](#) [#5105]
- 10:45 Stephan T. * van der Bogert C. H.
[Chemical and Mineralogical Properties of Cometary Samples Captured by Stardust](#) [#5188]
- 11:00 Keller L. P. * Messenger S.
[Relict Amorphous Silicates in Stardust Samples](#) [#5227]
- 11:15 Berger E. L. * Keller L. P. Joswiak D. Matrajt G. Laurretta D. S.
[Low-Temperature Sulfides in Stardust: TEM Analysis of a Sphalerite/Pyrrhotite Assemblage from Track 7](#) [#5298]

- 11:30 Tsuchiyama A. * Iida Y. Kadono T. Nakamura T. Sakamoto K. Nakano T.
Uesugi K. Zolensky M. E.
[*Three-Dimensional Morphologies and Elemental Distributions of Stardust Impact Tracks*](#) [#5336]
- 11:45 Ishii H. A. * Bradley J. P. Dai Z. R. Chi M. Kearsley A. T. Burchell M. J.
Browning N. D. Molster F. J.
[*Results from the Search for Typical CP IDP Silicates in Comet 81P/Wild 2 Dust Samples*](#) [#5104]