

**Monday, July 28, 2003**  
**CARBONACEOUS AND ORDINARY CHONDRITES**  
**1330 Aula**

**Chairs: S. Russell**  
**M. E. Zolensky**

- Botta O. \* Sephton M. A.  
*The Organic Composition of Carbonaceous Chondrites* [#5147]
- Kitajima F. \* Kitajima Y. Nakamura T. Mase K.  
*Characterization of Carbonaceous Matter in Carbonaceous Chondrites from the Viewpoint of Thiophenic Absorption of Sulfur K-Edge NEXAFS Spectra* [#5215]
- Martins Z. \* Botta O. Ehrenfreund P.  
*Nucleobases in Carbonaceous Chondrites* [#5060]
- Ivanova M. A. \* Nazarov M. A. Taylor L. A. Mayeda T. K. Clayton R. N.  
*Aqueous Alteration and Heating Events of Anomalous CM Chondrites* [#5041]
- Nakamura T. \* Noguchi T. Yoneda S.  
*The Conditions of Aqueous Alteration Reactions Recorded in the Sayama CM2 Chondrite* [#5080]
- Bullock E. S. \* McKeegan K. D. Gounelle M. Grady M. M. Russell S. S.  
*In Situ Study of the Sulphur Isotopic Compositions of Fe-Ni Sulphides in C11, C11, and Tagish Lake Carbonaceous Chondrites: Preliminary Study* [#5278]
- Bland P. A. \* Prior D. J. Hough R. M.  
*A Rock Fabric in Chondrite Matrix* [#5187]
- Noguchi T. \* Nakamura T. Nagao K.  
*Mineralogy and Noble Gas Signatures of Vigarano Meteorite: Evolution of Planetary Surface Material on CV Parent Body* [#5100]
- Smith C. L. \* Russell S. S.  
*Dar Al Gani 431: Unravelling Nebular and Parent Body Processes* [#5222]
- Semenenko V. P. \* Jessberger E. K. Chaussidon M. Weber I. Wies C. Stephan T.  
*Carbonaceous Xenoliths from the Krymka Chondrite as Probable Cometary Material* [#5005]
- Inada A. Nagao K. \*  
*Noble Gases and Cosmic-Ray Exposure History of Willard(b) H-Chondrite: A Breccia with Carbonaceous Chondritic Inclusions* [#5170]
- Kimura M. \* Nakajima H. Weisberg M. K.  
*Spinel, Ti-Oxides and Fe-Ni Metal in LL3.0-6 Chondrites: Indicators of Primordial and Secondary Processes* [#5051]
- Smoliar M. I. \* Horan M. F. Alexander C. M. O'D. Walker R. J.  
*Extreme Fractionation of Highly Siderophile Elements Among Chondrite Components* [#5130]
- Eugster O. \* Lorenzetti S. Lin Y. Wang D.  
*Earth-crossing Asteroids as Initial Parent Bodies of Meteorites with CRE Age <100,000 Years* [#5028]

Zolensky M. E. \* Clayton R. N. Mayeda T. Chokai J. Norton O. R.  
*Carbonaceous Chondrite Clasts in the Halite-bearing H5 Chondrite Zag* [#5216]

Ebisawa N. \* Nagao K.  
*Noble Gas Components in the Zag Meteorite: A Brecciated Chondrite with Halite Crystals* [#5166]