

Wednesday, July 28, 2010

ORDINARY AND ENSTATITE CHONDRITES: THEIR ORIGINS AND PHYSICAL PROPERTIES  
8:30 a.m. Ballroom

Chairs: **Monica Grady**  
**Guy Consolmagno**

- 8:30 a.m. Grady M. M. \* Needham A. W. Johnson D. Verchovsky A.  
[Enstatite Meteorites — Samples of the Inner Protoplanetary Disk?](#) [#5310]
- 8:45 a.m. Izawa M. R. M. \* Flemming R. L. Banerjee N. R. McCausland P. J. A. Preston L. J. Moser D. E.  
Barker I. R. Craig M. A. Cloutis E. A. Matveev S.  
[Multimethod Study of E Chondrite Shock](#) [#5345]
- 9:00 a.m. Zipfel J. \* Palme H.  
[Moderately Volatile Elements in Enstatite Chondrites](#) [#5360]
- 9:15 a.m. Gannoun A. Boyet M. El Goresy A. \* Devouard B.  
[REE Abundances in Individual Oldhamite, Niningerite and Enstatite in Several EH3 Chondrites: Genetic Implications](#) [#5033]
- 9:30 a.m. Fagan T. J. \* Wakai H.  
[Speciation of Iron as a Monitor of Oxidation, Reduction and Sulfidation in Enstatite and Ordinary Chondrites](#) [#5229]
- 9:45 a.m. Sears D. W. G. \* Craig J. P.  
[The Case for Many or Most Unequilibrated Ordinary Chondrites Not Coming from the Same Parent Bodies as Equilibrated Ordinary Chondrites](#) [#5056]
- 10:00 a.m. Friedrich J. M. \* Rivers M. L. Ebel D. S.  
[Three-Dimensional Imaging of Ordinary Chondrite Microporosity](#) [#5233]
- 10:15 a.m. Consolmagno G. J. \* Opeil C. P. Britt D. T.  
[Thermal Conductivities and Porosities of Stony Meteorites](#) [#5167]
- 10:30 a.m. Yurimoto H. \* Itoh S. Zolensky M. E. Kusakabe M. Karen A.  
[Isotopic Compositions of Fluid Inclusions in Halites from Ordinary Chondrites](#) [#5178]
- 10:45 a.m. Caillet Komorowski C. \* Miyahara M. El Goresy A. Boudouma O. Humayun M.  
[HgS, Hg Metal, Cu<sub>2</sub>S and Native Cu in Opaque Assemblages in a Primitive H3 Chondrite: Novel Constraints for Early Solar System Condensation and Accretion Episodes](#) [#5249]
- 11:00 a.m. Matsuda S. \* Nakashima D. Nagao K. Nakamura T.  
[Two Different Kinds of Trapped Noble Gases in the Moorabie L3.5 – 3.8 Chondrite](#) [#5084]
- 11:15 a.m. Weisberg M. K. \* Ebel D. S.  
[NWA 5717, an Unusual New Chondrite with Sulfide-rich Chondrule Rims](#) [#5402]
- 11:30 a.m. Jull A. J. T. \* McHargue L. R. Bland P. A. Greenwood R. C. Bevan A. W. R.  
Kim K. J. LaMotta S. E.  
[Terrestrial Age, Weathering,  \$\Delta^{17}\text{O}\$  and Mössbauer Studies of Meteorites from the Nullarbor, Australia](#) [#5409]