

Thursday, July 29, 2010

FIRST SOLAR SYSTEM SOLIDS: REFRACTORY INCLUSIONS IN METEORITES
1:30 p.m. Ballroom

Chairs: Tom Zega
Audrey Bouvier

- 1:30 p.m. Paque J. M. * Sutton S. R. Simon S. B. Beckett J. R. Burnett D. S. Grossman L.
[Valence of Titanium in Ca-Al-rich Inclusions: Experimental Samples and Relevance to Natural CAIs](#) [#5303]
- 1:45 p.m. Simon S. B. * Sutton S. R. Grossman L.
[First Ti-XANES Analyses of Olivine in Amoeboid Olivine Aggregates](#) [#5123]
- 2:00 p.m. Han J. * Brearley A. J.
[Microstructural Constraints on the Origin of AOAs in the ALHA 77307 CO3.0 Carbonaceous Chondrite](#) [#5158]
- 2:15 p.m. Zega T. J. * Simon S. B. Grossman L.
[Microstructural Analysis of a Wark-Lovering Rim Around an Allende CAI](#) [#5433]
- 2:30 p.m. Ma C. * Sweeney Smith S. A. Connolly H. C. Jr. Beckett J. R. Rossman G. R. Schrader D. L.
[Discovery of Cl-bearing Mavennite, \$Ca_{12}Al_{14}O_{32}Cl_2\$, a New Mineral in a CV3 Meteorite](#) [#5134]
- 2:45 p.m. Olsen M. B. * Larsen K. Paton C. Wielandt D. Krot A. N. Bizzarro M.
 [\$^{26}Al\$ - \$^{26}Mg\$ Systematics of Allende AOAs](#) [#5220]
- 3:00 p.m. Bullock E. S. * Richter F. M. Ushikubo T. Kita N. T. Davis A. M. MacPherson G. J.
[Silicon Isotope Fractionation in Melilite Within Type B2 CAIs](#) [#5364]
- 3:15 p.m. MacPherson G. J. * Nagashima K. Krot A. N. Bullock E. S.
[High-Precision O-Isotope Measurements in Vigarano CAIs: Slope 0.94, and Common Presence of \$^{16}O\$ -rich Melilite and Anorthite](#) [#5267]
- 3:30 p.m. Aléon J. McKeegan K. D. * El Goresy A. Charon E.
[Oxygen Isotopes in the Ultra-Refractory CAI Efremovka 101.1 and the Solar Nebula](#) [#5185]
- 3:45 p.m. Park C. * Wakaki S. Yurimoto H.
 [\$^{16}O\$ -rich Melilite Mantle of a Coarse Grained Compound Compact Type A Inclusion from Allende](#) [#5187]
- 4:00 p.m. Young E. D. *
[Mass-Dependent Fractionation of Oxygen Isotopes in CAIs: Tracing the Evolution of Gas in the Early Solar System](#) [#5190]
- 4:15 p.m. Bouvier A. * Wadhwa M. Bullock E. S. MacPherson G. J.
[Pb-Pb Dating of a CAI from the Reduced CV3 Chondrite Vigarano](#) [#5400]
- 4:30 p.m. Connelly J. N. * Bizzarro M. Ivanova M. Krot A. N.
[Pb-Pb Dating of Chondrite Inclusions](#) [#5053]
- 4:45 p.m. Ireland T. R. * Maldoni M.
[Condensation in Solar and Stellar Systems](#) [#5179]