Tuesday, August 9, 2011
ORDINARY AND ENSTATITE CHONDRITES
9:00 a.m.  KW302

Chairs:  Timothy Fagan
         Jean-Alix Barrat

9:00 a.m.  Boyet M. El Goresy A. * Miyahara M. Gannoun A.
          A New Meteorite Type: Forsterite Chondrite with EH-3 Affinity: Sahara 97158 [#5120]

9:15 a.m.  Friend P. * Zipfel J. Gellissen M. Kleinschrodt R. Muenker C. Schulz T. Ott U. Herrmann S.
          Pack A. Stracke A. Palme H.
          Northwest Africa 5492, a Unique Ungrouped Chondrite [#5176]

9:30 a.m.  Dobrică E. * Brearley A. J.
          Microstructural Study of the Texture and Mineralogy of Tieschitz White Matrix [#5452]

9:45 a.m.  Jones R. H. * Brearley A. J.
          Exsolution in Feldspar in the Tuxtuac (LL5) Chondrite: A New Perspective on Cooling Rates for
          Metamorphosed Chondrites [#5475]

10:00 a.m. Dyl K. A. * Benedix G. K. Bland P. A. Towner M. C. Spurný P.
           Metamorphism in the Newly Recovered Mason Gully (H5) Ordinary Chondrite and its Correlation to
           Anomalous Properties [#5507]

10:15 a.m. Yokoyama T. Misawa K. * Okano O.
           Alkali-Rich Fragments in LL-Chondritic Breccias [#5233]

10:30 a.m. Fries M. * Zolensky M. Steele A.
           Mineral Inclusions in Monahans and Zag Halites: Evidence of the Originating Body [#5390]

10:45 a.m. Nunn M. * Thiemens M.
           Oxygen Isotopic Analyses of Water in Bjurböle Matrix and Chondrules [#5438]

11:00 a.m. Fagan T. F. * Niki C.
           Reduction vs. Sulfidation in Ordinary and Enstatite Chondrites from Speciation of Iron Among
           Silicates, Metals and Sulfides [#5301]

11:15 a.m. Laurretta D. S. * Andronikov A. V. Jackson K. M. Ojha L.
           A Comparative Study of Trace-Element Distributions in R and H Chondritic Sulfides: Quantitative
           Assessment of Enhanced Sulfur Fugacity in the Early Solar System [#5282]

11:30 a.m. Barrat J. A. * Zanda B. Bollinger C. Liorzou C.
           Trace Element Geochemistry of Enstatite Chondrites: The So-Called “Refractory Lithophile” Elements
           [#5487]

11:45 a.m. Palk C. S. * Rehkämper M. Andreasen R. Stunt A.
           Extreme Cadmium and Thallium Isotope Fractionations in Enstatite Chondrites [#5518]

12:00 p.m. Scott E. R. D. * Krot T. V. Goldstein J. I. Taylor G. J.
           Thermal and Impact History of H Chondrites: Was the Onion Shell Structure Punctured by Impacts
           During Metamorphism? [#5516]

12:15 p.m. Swindle T. D. * Weirich J. R. Isachsen C. E. Wittmann A. Kring D. A.
           40Ar/39Ar Dating of Larkman Nunatak 06299: Comparison to Paired Sample LAR 06298 and to
           Other LL Chondrites [#5497]