Friday, August 12, 2011
ORGANIC MATTER
9:00 a.m. KW302

Chairs: **Zita Martins**
Natasha Johnson

9:00 a.m. Sephton M. A. * Meredith W. Verchovsky A. Watson J. S. Snape C. E.
Catalytic Hydrogenation of the Macromolecular Material in Meteorites **[#5344]**

9:15 a.m. Goodyear M. D. * Gilmour I. Pearson V. K.
Preliminary Investigation into the Use of Surface Modification Techniques to Detect Organic Materials in Meteorites **[#5066]**

9:30 a.m. Bonal L. * Quirico E. Montagnac G.
Structure of Primitive Polyaromatic Carbonaceous Matter: IDPs vs. Chondrites **[#5125]**

9:45 a.m. Bonnet J.-Y. * Quirico E. Buch A. Szopa C. Fray N. Cottin H. Thissen R.
Thermal Degradation of N-Rich Polymeric Solids: Constraints on the Formation of Insoluble Organic Matter **[#5251]**

10:00 a.m. Kebukawa Y. * Zolensky M. E. Fries M. D. Steele A. Kilcoyne A. L. D. Cody G. D.
Organic Analysis of Xenolithic Clasts in Meteorites **[#5109]**

10:15 a.m. Peeters Z. * Alexander C. M. O'D. Changela H. Nittler L. R. Price S. Stroud R. M.
In Situ Synchrotron X-Ray Transmission Microscopy of CR Chondrites QUE 99177 and GRA 95229 **[#5476]**

10:30 a.m. Changela H. G. Stroud R. M. De Gregorio B. T. Nittler L. R. Alexander C. M. O'D. Cody G. D.
Nanoglobule Abundances in IOM Extracts: Correlation with Parent Body Processing **[#5504]**

10:45 a.m. Remusat L. * Bernard S. Le Guillou C. Brearley A.
Parent Body Influence on Organic Matter: The Message from Paris **[#5327]**

11:00 a.m. Le Guillou C. * Brearley A. J. Bernard S.
Characterization and Possible Origin of a Carbonaceous Coating on an Unusual Nanocrystalline Silicate Aggregate in the Matrix of the MET 00426 CR3 Chondrite **[#5351]**

11:15 a.m. Johnson N. M. * Burton A. S. Nuth J. A. III
Meteorites, Organics and Fischer-Tropsch Type Reactions: Production and Destruction **[#5404]**

11:30 a.m. Verchovsky A. B. * Montgomery W. Sephton M. A.
Q Noble Gases in the Orgueil HF/HCl Residue: A High-Pressure Experiment **[#5398]**

11:45 a.m. Marrocchi Y. * Kuga M. Marty B. Reinhardt P.
Origin of Xenon Isotopic Composition of Phase Q **[#5148]**