

**Friday, August 17, 2007**  
**DIFFERENTIATED METEORITES**  
**8:30 a.m. Salon F**

**Chairs: T. McCoy**  
**E. Hill**

- 8:30 a.m. Gaffey M. J. \*  
*Where are All the Partially Melted Meteorites?* [#5296]
- 8:45 a.m. Mittlefehldt D. W. \* Herrin J. S. Downes H.  
*Petrology and Geochemistry of New Ureilites and Ureilite Genesis* [#5280]
- 9:00 a.m. Scott E. R. D. \* Bottke W. F.  
*Understanding Diverse Shock and Brecciation Histories of Basaltic and Other Meteorites* [#5144]
- 9:15 a.m. Rochette P. \* Gattacceca J. Sagnotti L. Folco L. Consolmagno G. Denise M.  
*Magnetic Classification of Achondrites* [#5052]
- 9:30 a.m. Mayne R. G. \* McSween H. Y. Jr.  
*Metamorphic Equilibration of Unbrecciated Eucrites* [#5065]
- 9:45 a.m. Boesenberg J. S. \* Mandeville C. W.  
*The Driest Glass in the Solar System: Glass Spherules in Howardites* [#5191]
- 10:00 a.m. BREAK
- 10:15 a.m. Delaney J. S. \*  
*Fe-Mn-Mg Variations as Indicators of Planetary Magmatism on 4 Vesta* [#5250]
- 10:30 a.m. Yamaguchi A. \* Barrat J.-A. Shirai N. Okamoto C. Setoyanagi T. Ebihara M.  
*Highly Metamorphosed Eucrites, A-87272 and DaG945: Residues After Crustal Partial Melting* [#5200]
- 10:45 a.m. Irving A. J. \* Kuehner S. M. Rumble D. III Hupé G. M.  
*Silicate+Chromite+Metal+Pentlandite Inclusions in Lodranite Breccia NWA 4478: Evidence for a Reduced Regolith on the Lodranite/Acapulcoite Parent Body* [#5129]
- 11:00 a.m. Hill E. \* Drake M. J. Domanik K.  
*Metal/Olivine Partitioning Experiments and the Cooling Rates of Pallasites* [#5140]
- 11:15 a.m. Yang J. \* Hung C. Goldstein J. I. Scott E. R. D.  
*Relationship of Main-Group Pallasites and IIIAB Iron Meteorites* [#5117]
- 11:30 a.m. Chen J. H. \* Papanastassiou D. A. Wasserburg G. J.  
*The Absence of Nickel Isotopic Anomalys in Iron Meteorite Metal and Sulfide* [#5165]
- 11:45 a.m. Chabot N. L. \* Saslow S. A. McDonough W. F. McCoy T. J.  
*The Effect of Ni on Element Partitioning During Iron Meteorite Crystallization* [#5025]
- 12:00 p.m. McCoy T. J. \* Corrigan C. M. Goldstein J. I. Yang J. Walker R. J. Ash R. D.  
 McDonough W. F. Chabot N. L.  
*Low-Ni IVA Irons Depleted in Volatiles by Impact Reheating?* [#5044]