

Friday, August 1, 2008
DIFFERENTIATED METEORITES II: ACHONDRITES
08:30 Multipurpose Hall

Chairs: J. Herrin
E. Grew

- 08:30 Miura Y. N. *
[*Noble Gas Studies of Eucrites, Diogenites and some Other Achondrites*](#) [#5191]
- 08:45 Barrat J. A. * Bohn M. Gillet P. Yamaguchi A.
[*Impact Glasses in Howardites: K-rich Lithologies and Granites on 4-Vesta*](#) [#5165]
- 09:00 Gardner-Vandy K. G. Lauretta D. S. Goreva J. S. Killgore M. McCoy T. J.
[*Relationships Among Ungrouped Primitive Achondrites and Type-7 Ordinary Chondrites*](#) [#5330]
- 09:15 Isa J. * Shinotsuka K. Yamaguchi A. Ebihara M.
[*Chemical Characteristics of Northwest Africa 011 and Northwest Africa 2976*](#) [#5204]
- 09:30 Nakashima D. * Nagao K. Irving A. J.
[*Noble Gases in Angrites NWA 2999/4931, NWA 4590 and NWA 4801: Exposure Ages and Evidence of Fissiogenic Xe*](#) [#5078]
- 09:45 McKibbin S. J. * Ireland T. R. Amelin Y. O'Neill H. St. C. Holden P.
[*A New Ion-Probe Determination of \$^{53}\text{Mn}/^{55}\text{Mn}\$ in D'Orbigny and Sahara 99555 Using Matrix-matched Standards*](#) [#5132]
- 10:00 Nyquist L. E. * Shih C.-Y. Reese Y. D. Treiman A. H.
[*Early Partial Melting of the GRA 06128/9 PB from Sm-Nd and Rb-Sr Isotopic Studies*](#) [#5223]
- 10:15 Grew E. S. * Yates M. G. Beane R. J. Floss C. Gerbi C.
[*Chopinite-Sarcopside Solid Solution, \$\(\text{Mg,Fe}\)_3\(\text{PO}_4\)_2\$, in Lodranite GRA 95209*](#) [#5006]
- 10:30 Touboul M. * Kleine T. Bourdon B. Van Orman J. A. Maden C. Zipfel J.
 Irving A. J. Bunch T. E.
[*Hf-W Thermochronometry of the Acapulcoite-Lodranite Parent Body*](#) [#5301]
- 10:45 Lee D.-C. *
 [*\$^{182}\text{Hf}\$ - \$^{182}\text{W}\$ Chronometry and the Evolution of Acapulcoite-Lodranite Parent Body*](#) [#5141]
- 11:00 Schulz T. * Münker C. Palme H. Mezger K.
[*Thermal Evolution of Primitive Achondrite Parent Bodies*](#) [#5111]
- 11:15 Greenwood R. C. * Franchi I. A. Gibson J. M. Benedix G. K.
[*Oxygen Isotope Variation Within the Primitive Achondrites*](#) [#5318]
- 11:30 Miao B. * Lin Y. Wang D. Hu S. Shen W. Wang X.
[*Grove Mountains \(GRV\) 052382 — Likely a Most Heavily Shocked Ureilite*](#) [#5060]
- 11:45 Nakamuta Y. *
[*In Situ Observation of Diamonds in Ureilites by Raman Spectroscopy*](#) [#5032]

- 12:00 Takeda H. * Yamaguchi A.
[*Two Olivine-rich Ureilites Among Nine New Northwest Africa Ureilites and Their Proposed Origin*](#) [#5187]
- 12:15 Herrin J. S. * Mittlefehldt D. W. Jones J. H.
[*Petrogenesis of Fe,Si-metals in Brecciated Ureilites*](#) [#5327]