

Monday, November 7, 2011  
POSTER SESSION: OXYGEN, CARBON, NITROGEN,  
HYDROGEN, AND NOBLE GAS ISOTOPES  
6:00 p.m. Koloa II and III

Gaidos E.

[Carbon, Oxygen, and the Desertification of the Galaxy](#) [#9051]

Nuth J. A. III Paquette J. A. Farquhar A. Johnson N. M.

[Lightning Processing of Dust in the Solar Nebula](#) [#9019]

Lyons J. R.

[Oxygen Isotopic Ratios Resulting from CO Self-Shielding](#) [#9108]

Lyons J. R.

[The First Goo: Photochemistry and the Observed Enrichment of O, C, and N Isotopes in Meteorite IOM](#) [#9121]

Abe K. Sakamoto N. Krot A. N. Yurimoto H.

[Abundance of Cosmic Symplectite in Acfer 094 Carbonaceous Chondrite](#) [#9043]

Joswiak D. J. Brownlee D. E. Nakashima D. Ushikubo T. Kita N. T. Matrajt G.

[Wide Distribution of Oxygen Isotopic Compositions in Stardust Fragments: Wild 2 Materials from <sup>16</sup>O- and <sup>17,18</sup>O-Rich Nebular Reservoirs](#) [#9118]

Katayama J. Itoh S. Yurimoto H.

[Oxygen Isotopic Zoning of Reversely Zoned Melilite Crystals in a Fluffy Type A CAI from Vigarano Meteorite](#) [#9031]

Kawasaki N. Sakamoto N. Yurimoto H.

[Oxygen Isotopic Compositions and Chemical Zoning of Melilite Crystals in Fluffy Type A CAI from Efremovka CV3 Chondrite](#) [#9042]

Matzel J. E. P. Simon J. I. Hutcheon I. D. Weber P. K. Jacobsen B. Wasserburg G. J.

[Oxygen Isotope Zoning in an Allende CAI, EGG-6](#) [#9149]

Zhang A. C. Itoh S. Yurimoto H. Sun Q. Wang R. C.

[Formation of the Sapphirine-Bearing Al-Rich Chondrule in the DaG 978 Carbonaceous Chondrite: Preliminary Mineralogical and Oxygen Isotopic Results](#) [#9028]

Nagashima K. Krot A. N. Huss G. R.

[Oxygen-Isotope Compositions of Chondrules and Matrix Grains in Kakangari Chondrite](#) [#9049]

Itoh S. Russell S. S. Yurimoto H.

[Oxygen and Al-Mg Isotopic Compositions of a Barred Olivine Chondrule from NWA 1152 C3-Ungrouped Chondrite](#) [#9133]

Nunn M. H. Thiemens M. H.

[Oxygen Isotopic Analyses of Water in Bjurböle and Murchison Meteorites](#) [#9009]

Jogo K. Krot A. N. Nagashima K.

[Oxygen-Isotope Compositions of Fayalite and Magnetite in CV Carbonaceous Chondrites Asuka-881317 and MET 00430: Implications for Sources of Water Ice on the CV and Ordinary Chondrite Parent Asteroids](#) [#9114]

Marty B. Zimmermann L. Krot A. N.

[Early Irradiation as a Possible Cause of <sup>15</sup>N Enrichment in Early Solar System Matter](#) [#9129]

Füri E. Marty B. Assonov S. S.

[Constraints on the Origin of Nitrogen Isotope Variations in Planetary Objects from Single Grain Analysis of Luna 24 Soils](#) [#9030]

Hashiguchi M. Kobayashi S. Yurimoto H.

[Occurrences of Deuterium-Rich Organic Matters in NWA 801 CR2 Chondrite](#) [#9012]

Amari S. Matsuda J.

[Noble Gas Analysis of Q-Rich Fractions from Saratov \(L4\)](#) [#9092]

Clay P. L. Busemann H. El Goresy A. Wieler R.

[Petrography, Chemistry and Noble Gas Cosmochemistry of Nebula Condensate Djerfisherite in Enstatite Chondrites](#) [#9125]

Beyersdorf-Kuis U. Tieloff M. Cartwright J. A. Bennett J. Ott U.

[Cosmogenic Noble Gases in Chondrules from CV and CR Chondrites](#) [#9077]