Chairs: Subrata Chakraborty  
Katherine Bermingham

8:30 a.m.  Dwarkadas V. V. * Dauphas N.  Meyer B. S.  
Investigating a Stellar Wind Origin for High $^{26}$Al and Low $^{60}$Fe in the Early Solar System  
Using numerical simulations and analytical methods, we test if the high $^{26}$Al/$^{60}$Fe ratio in the early solar system is due to enrichment from massive star winds.

8:45 a.m.  Krabbe N. * Kruijer T. S. Kleine T.  
Tungsten Stable Isotope Variations in Meteorites and Terrestrial Samples by Double Spike MC-ICPMS  
Tungsten stable isotope variations in meteorites and terrestrial samples are limited, suggesting that high temperature processes induce small mass-dependent effects.

9:00 a.m.  Greber N. D. * Dauphas N. Millet M. A. Puchtel I. S.  
The Titanium Isotopic Composition of Chondrites and Earth  
We present mass-dependent Ti isotope data for chondrites, komatites, and USGS reference materials and discuss the state of knowledge for this isotope system.

9:15 a.m.  Williams C. D. * Sanborn M. E. Yin Q.-Z.  
Tracing Petrogenetic Links Among Planetary Materials with Ti-Cr-O Systematics  
We report mass-independent Ti-Cr-O variations in bulk meteorites to further elucidate potential petrogenetic links among planetary materials.

9:30 a.m.  Nagai Y. * Yokoyama T.  
Molybdenum Isotope Anomalies in Non-Carbonaceous Meteorites  
Molybdenum isotope anomalies for non-carbonaceous meteorites suggest two reservoirs of distinct Mo isotopic compositions in the solar nebula.

9:45 a.m.  Bermingham K. R. * Worsham E. A. Walker R. J.  
Refining the Mo-Ru Cosmic Correlation  
Refinement of the Mo-Ru cosmic correlation using new high precision Mo and Ru isotope data.

10:00 a.m.  Mayer B. * Humayun M.  
Nucleosynthetic Anomalies in Palladium from Bulk Meteorites  
Nucleosynthetic anomalies in Pd from bulk meteorites are correlated with other elements and differences are discussed in light of solar nebula processes.

10:15 a.m.  Fukai R. * Yokoyama T.  
Nucleosynthetic Neodymium Isotope Anomalies in Carbonaceous and Ordinary Chondrites  
Our results indicate that negative $\mu^{142}$Nd values observed in chondrites simply reflect the heterogeneous distribution of s- plus p-process nuclides.

10:30 a.m.  Tissot F. L. H. * Dauphas N. Grossman L.  
Evidence for a Single Environment of r-Process Nucleosynthesis from Live $^{247}$Cm in the Early Solar System  
We show that $^{247}$Cm was present in meteorites at a level of $(1.1 \pm 0.3) \times 10^{-4}$, which is consistent with a single stellar environment of r-process nucleosynthesis.
10:45 a.m. Wang K. * Jacobsen S. B.  
*Potassium Isotope Cosmochemistry Revisited [#1667]*  
We report new high-precision K isotope data for chondrites and discuss implications for the volatile element depletion of inner solar system bodies.

11:00 a.m. Meshik A. * Pravdivtseva O. Hohenberg C.  
*Micro-Distribution of Fission Xenon Isotopes: A Possible Explanation of Xenon Composition in Phase Q [#3038]*  
Micro-distribution of fission Xe is isotope-specific. It can modifies apparent fission yields and provide a new interpretation of Xe composition in phase-Q.

11:15 a.m. Chakraborty S. * Kehoe H. Thiemens M. H.  
*New Experimental Evidence of Silicate Formation with Meteorite Like Oxygen Isotopes on a Dust Surface Analog [#2242]*  
New experimental results showing a chemical pathway to form silicate with meteorite-like O-isotopic composition (slope ~1 in three-isotope space) on grain surface.

11:30 a.m. Smith R. L. * Blake G. A. Boogert A. C. A. Pontoppidan K. M. Lockwood A. C.  
*High-Resolution Observations of CO Toward Massive Young Stellar Objects: Investigations of Protoplanetary Carbon and Oxygen in the Galaxy [#3028]*  
In the galaxy / Near and far, far away… / Massive YSOs observed with Keck / Carbon and oxygen isotopes / May evolve differently than their solar-type neighbors.