Wednesday, May 10, 2017
SESSION V
9:00 a.m. Sage East

Chairs: **Aaron Boley**
Catherine Espaillat

9:00 a.m. Espaillat C. *
Observations and Evolution of Dusty Protoplanetary Disks **[#2004]**
Observations and theory of disks.

9:40 a.m. Kita N. T. * Tenner T. J. Ushikubo T. Nakashima D. Defouilloy C. Hertwig A. T. Chaumard N. Rudraswami N. G. Weisberg M. K. Kimura M. Nagahara H. Bischoff A.
Oxygen Isotope Reservoirs in the Protoplanetary Disk Inferred from Chondrules in Primitive Meteorites **[#2022]**
O-isotope systematics among chondrules from different chondrite groups suggests variability in their isotope reservoirs and redox conditions in the disk, and may relate to mixing between anhydrous dust and water ice in their precursors.

10:00 a.m. Hertwig A. T. * Kita N. T. Defouilloy C. Kimura M.
Estimating Dust Enrichment and Water Ice Abundance in the Protoplanetary Disk from Oxygen Isotope Ratios and FeO Content of Type I Chondrules from Two CV Chondrites **[#2024]**
SIMS O-isotope study of chondrules from two CVs show that most chondrules formed in water-ice-depleted regions at dust enrichments of x50-200. Systematic variations of isotope ratio and FeO content may be due to locally varying water ice abundances.

10:20 a.m. DISCUSSION

10:30 a.m. *Coffee Break*