**Wednesday, May 10, 2017**
**SESSION VI**
**10:45 a.m. Sage East**

**Chairs:** **Xuening Bai**
**Fred Ciesla**

10:45 a.m. Backus I. * Quinn T.
*Dust Migration in Gravitationally Active Protoplanetary Disks* **[#2029]**
Solid growth and planet formation may require dense regions of dust. I investigate dust migration concentration, in gravitationally active protoplanetary disks using high resolution, 3D SPH simulations.

10:50 a.m. White J. A. * Boley A. C.
*Stellar Emission Inhibiting the Study of "Exo-Chondrules" in Circumstellar Debris* **[#2003]**
The host stars in circumstellar disks can be a confounding parameter in recovering the disc's properties. I'll present examples where we can't study the small grains due to stellar effects and discuss a project designed to solve the issue.

10:55 a.m. Andrews, S. *
*Observations and Evolution of Dusty Protoplanetary Disks (Part II)*

11:35 a.m. Bai X. *
*Towards Realistic MHD Simulations of Protoplanetary Disks* **[#2009]**
I will present the first fully global simulations of protoplanetary disks that take into account all three non-ideal magnetohydrodynamic effects. The results show complex flow structures with important implications for chondrule transport.

11:55 a.m. Mac Low M.-M. * Hubbard A. Ebel D. S.
*Layered Disks as a Solution to Dynamical and Cosmochemical Constraints on Chondrule Formation* **[#2017]**
Complementarity between chondrules and matrix is consistent with chondrule formation separated vertically from the cold disk midplane. Astrophysical models offer formation sites in magnetized surface layers or current sheets formed by disk winds.

12:15 p.m. DISCUSSION

12:30 p.m. *Lunch*