

Theoretical and Computational Challenges in Planet Formation Workshop

Monday, May 20, 2019

Session 3 - 2nd Floor Auditorium (1:30 PM - 3:30 PM)

time	[id] title	presenter
1:30 PM	[6] Cristobal Petrovich: Imprints of the Disk Clearing Phase on Mature Exoplanet Systems	
1:50 PM	[7] Debanjan Sengupta: Small Scale Structure of Gravito-Turbulence	
2:10 PM	[8] Kristina Monsch: The Imprint of X-ray Photoevaporation onto the Orbital Distribution of Giant Planets	
2:30 PM	[9] Michael Rosenthal: Why Super Earths are of a Similar Size — Observational Signatures of a Limiting Pebble Accretion Mass Scale	
2:50 PM	[26] Giovanni Picogna: Can X-Ray Photo-Evaporation Explain All the Observed Transition Disks?	
3:10 PM	[11] Yuhiko Aoyama: Theoretical Modeling of Hydrogen Line Emission from Accreting Star and Planet	

Tuesday, May 21, 2019

Session 3 - 2nd Floor Auditorium (1:30 PM - 3:30 PM)

time	[id] title	presenter
1:30 PM	[18] Martin Pessah: Streaming Instability for Particle-Size Distributions	
2:00 PM	[19] Joanna Drazkowska: Including Dust Growth in Hydrodynamic Models of Protoplanetary Disks	
2:30 PM	[20] Wlad Lyra: Streaming Instability in 3D	
3:00 PM	[21] Min-Kai Lin: Dust Settling in Turbulent Protoplanetary Disks	

Wednesday, May 22, 2019

Session 3 - 2nd Floor Auditorium (1:30 PM - 3:30 PM)

time	[id] title	presenter
1:30 PM	[32] Leonardo Krapp: Simulations of Multi-Species Protoplanetary Disks	
1:50 PM	[33] Diana Powell: Using Dust Grain Aerodynamics to Weigh Protoplanetary Disks	
2:10 PM	[34] Chao-Chin Yang: Effects of Dust Back Reaction on the Dust-Gas Dynamics in Protoplanetary Disks	
2:30 PM	[35] John Zanazzi: The Dynamics of Protoplanetary Disks in Binary Star Systems	
2:50 PM	[36] Sebastian Stammer: Planetesimal Formation in Dust Traps	
3:10 PM	[37] Claudio Valletta: Heavy Elements Enrichment of Giant Protoplanetary Atmospheres	