

# Einstein Fellowship Symposium, Oct 28-29

## Day 1 Agenda

<i>Session 1, 9:20 - 10:40</i>		
9:20 - 9:40	Reinout van Weeren	Low-Frequency Radio Observations of Galaxy Cluster Merger Shocks
9:40 - 10:00	Lorenzo Sironi	Electron Heating and Acceleration in Accretion Disks and Galaxy Clusters
10:00 - 10:20	Grant Tremblay	Star Formation amid Kinetic Black Hole Feedback
10:20 - 10:40	Ji-hoon Kim	Challenges in Numerical Galaxy Formation and the AGORA Project
	10:40 - 11:00	Coffee Break
<i>Session 2, 11:00 - 12:20</i>		
11:00 - 11:20	Krzysztof Nalewajko	Radiative Signatures of Relativistic Magnetic Reconnection
11:20 - 11:40	Blakesley Burkhart	From Parsecs to Megaparsecs: New Diagnostics for MHD Turbulence in the ISM and ICM
11:40 - 12:00	Mario Manuel	Exploring Astrophysical Magnetohydrodynamics in the Laboratory
12:00 - 12:20	Yanfei Jiang	A Global 3D Radiation MHD Simulation of Super-Eddington Accretion Disks
	12:20 - 2:00	Lunch
2:00 - 2:40	KEYNOTE SPEAKER: Andrea Dupree	Probing Young Accreting Stars with X-rays
<i>Session 3, 2:00 - 3:20</i>		
2:40 - 3:00	Sagi Ben-Ami	Transient Classification in the Age of Large FoV Sky Surveys
3:00 - 3:20	Wen-fai Fong	A Decade of Short-duration Gamma-ray Burst Afterglow
	3:20 - 3:40	Coffee Break
<i>Session 4, 3:40 - 5:00</i>		
3:40 - 4:00	Maria Petropoulou	High-Energy Signatures from Leptohadronic Interactions in GRB Models
4:00 - 4:20	Alexander Tchekhovskoy	What Turns off Gamma-Ray Bursts?
4:20 - 4:40	Francois Foucart	The Outcome of Neutron Star Mergers
4:40 - 5:00	Luke Roberts	Three-Dimensional Simulations of Core Collapse Supernovae