

# Einstein Fellowship Symposium

## October 23-24 2012

Phillips Auditorium  
Harvard-Smithsonian Center for Astrophysics

### Agenda October 23

9:00-9:20	<b>Welcome</b>	
9:20-9:40	<b>Akos Bogdan</b>	Testing Galaxy Formation Models: Characterizing Extended Hot Coronae Around Massive Spiral Galaxies
9:40-10:00	<b>Laura Lopez</b>	Dark Matter in a Galaxy Cluster Merger Associated with a Short Gamma-ray Burst
10:00-10:20	<b>Julie Hlavacek-Larrondo</b>	The Extreme Side of AGN Feedback
10:20-10:40	<b>Simona Giacintucci</b>	New Radio Minihalos Discovered in Cluster Cool Cores
10:40-11:00	<b>Coffee Break</b>	
11:00-11:20	<b>Reinout Van Weeren</b>	Radio observations of merging galaxy clusters: characterizing shocks and particle acceleration.
11:20-11:40	<b>Matthew Kunz</b>	From Plasma Microphysics to Global Dynamics in Clusters of Galaxies and Accretion Flows
11:40-12:00	<b>Tony Mroczkowski</b>	A Resolved Measurement of the Kinetic Sunyaev-Zel'dovich Effect in MACS J0717.5+3745.
12:00-12:20	<b>Fabian Schmidt</b>	Large-Scale Structure and Gravitational Waves
12:20-2:00	<b>Lunch</b>	
2:00-2:40	<b>Keynote Speaker Avi Loeb</b>	A Closer Look at Black Holes
2:40-3:00	<b>Sam Gralla</b>	Why Do Spinning Black Hole Binaries "Bob" and "Kick"?
3:00-3:20	<b>Laura Blecha</b>	Disentangling the Signatures of Supermassive Black Hole Inspiral and Recoil: A Case Study
3:20-3:40	<b>Tea Break</b>	
3:40-4:00	<b>Ann-Marie Madigan</b>	The Dynamics of Stars in Disks around Massive Black Holes
4:00-4:20	<b>Smadar Naoz</b>	Exciting the Eccentricity: General Relativity in Hierarchical Three-body Systems
4:20-4:40	<b>Chris Nixon</b>	How Black Holes Accrete
4:40-5:00	<b>Phil Hopkins</b>	The Co-evolution of Galaxies and Supermassive Black Holes