

1st CDY workshop on "Black Hole Flares"

Invite-only workshop in CCA classroom (5th floor) of Flatiron Institute (162 Ave)

	Monday (13 Nov)	Tuesday (14 Nov)	Wednesday (15 Nov)
	State of the Art Chair: Joonas	Small Black Holes	Supermassive Black Holes (cont)
8:50	Opening words		Chair:
9:00	Veledina 30+10	Fabian 30+10	Hankla 30+10
9:10	Variability of X-ray binary black holes	X-ray spectroscopy of black holes	
9:20			
9:30			
9:40	Feng 30+10	Errando 30+10	Aharonian Panel discussion lead:
9:50	TeV Flares and Spectral Variability in Blazars	X-ray polarization observations (IXPE)	Opening words for the discussion Observational constraints Mukherjee & Coppi
10:00			
10:10			
10:20	coffee break	coffee break	Davelaar 30+10
10:30			Sgr A* as a test laboratory
10:40			
10:50			
	Microphysics of Plasmas Chair: Vlad Loktev	Stellar-mass Black Holes (cont) Chair: Lia Hankla	Connecting systems
11:00	Sironi 30+10	Hu 30+10	Murase 30+10
11:10	Particle acceleration	IXPE observations of blazars and stellar mass black holes	Neutrino & multiwavelength signals
11:20			
11:30			
11:40	Uzdensky 30+10	Loktev 30+10	Workshop Summary lead:
11:50	Plasma physics of accretion flows	X-ray polarization of Cyg X-1	Coppi & Mukherjee
12:00			
12:10			
12:20	Lunch	Lunch	Lunch
12:30			
12:40	5th floor classroom	11th floor	11th floor
12:50			
13:00			
13:10			
13:20			
13:30			
13:40			
13:50			
14:00	Group discussions Energization of accreting plasmas small 5ppl groups		
14:10			
14:20			
	Microphysics of Plasmas (cont.) Chair: Reshmi	Supermassive Black Holes Chair:	
14:30	Philippov 30+10	Rieger 30+10	
14:40	Kinetic view into the BH magnetospheres	Flares in blazars and radio galaxies	
14:50			
15:00			
15:10	coffee break	coffee break group photo	
15:20			
15:30		Hakobyan 30+10	
15:40	Nattila 30+10		
15:50	Radiation from magnetized plasmas	Modeling TeV flares from first-principles	
16:00			
16:10		Valverde 30+10	
16:20	Panel discussion Energization of plasmas & flare mechanisms lead: Levin & Nattila	GeV Flare Characteristic in Blazars	
16:30			
16:40			
16:50		Group discussions Flaring models for small black holes lead: Coppi & Nattila	
17:00			
17:10		small 5ppl groups	