

# COSMIC MERGERS: FROM MASSIVE BLACK HOLES TO MASSIVE CLUSTERS

Workshop Day 1 - Thursday 21st September		
Time	Speaker	Talk Title
09:00		
09:15		
09:30		
09:45		
10:00	Attendees arrive at University of Birmingham for Registration/Coffee and Poster set up	
10:15		
10:30		
10:45	Welcome and introduction by Graham Smith at 10:45am	
11:00	Chris Haines	A survey of X-ray groups being accreted by massive galaxy clusters
11:15		
11:30	Dominique Eckert	Building a galaxy cluster through continuous accretion of group-scale systems
11:45		
12:00	Mathilde Jauzac	Hubble Frontier Fields : An Extraordinary View into Galaxy Cluster Evolution
12:15		
12:30	Lunch	
12:45		
13:00		
13:15		
13:30		
13:45		
14:00	Chris Collins	Recovering the Intracluster light from LSST Data
14:15		
14:30	Matteo Bianconi	LoCuSS: Pre-processing in galaxy groups falling in to massive galaxy clusters at $z=0.2$
14:45	Boris Deshev	The passive core of the "Train wreck" cluster, Abell 520
15:00	Jacob Crossett	Do large groups cause a more rapid quenching of star formation?
15:15	Mike Hudson	Does size matter? The link between stellar mass, galaxy size and dark matter halo mass from weak gravitation lensing
15:30	Coffee Break	
15:45		
16:00	Arya Farahi	Constraining the shape of Mass Function
16:15		
16:30	Alexis Finoguenov	eROSITA and Influence on mergers on cosmological modeling of galaxy clusters
16:45	Poster Session: <a href="#">Tim Hewlett</a> , <a href="#">Jordan Penney</a> , <a href="#">Kate Furnell</a> , <a href="#">Ylan Gordon</a> , <a href="#">Jonny Pierce</a>	
17:00	Discussion Session	
17:15		
17:30		
17:45		
18:00	Continue Discussions and Go to Workshop Dinner after 6:00pm	

Workshop Day 2 - Friday 22nd September		
Time	Speaker	Talk Title
09:00	Attendees arrive at University of Birmingham for 9:30am start	
09:15		
09:30	Debora Sijacki	Galaxy formation simulations: "sub-grid" vs. physics
09:45		
10:00	Emanuele Paolo Farina	The birth of the giants: Where the first quasars form?
10:15		
10:30	Alberto Sesana	Supermassive Black Hole Binary Mergers and Pulsar Timing Arrays
10:45	Hannah Middleton	Inference on properties of massive black hole binaries with pulsar timing array searches for gravitational waves
11:00	Coffee Break	
11:15		
11:30	Lucio Mayer	Merger timescales of massive black holes in hierarchical galaxy formation
11:45		
12:00	Richard Massey	Constraining SIDM with colliding clusters
12:15		
12:30	Lunch	
12:45		
13:00		
13:15		
13:30		
13:45		
14:00	Chris Conselice	Using Deep NIR Imaging to Probe the History of Galaxy Mergers
14:15		
14:30	Philip Grylls	Modelling the growth of massive galaxies via mergers: A Semi Empirical approach
14:45	Stuart McAlpine	Major mergers and the triggering of black hole growth
15:00	Clare Wethers	A Merger History? The Star-Forming Hosts of Luminous, Dust-Obscured Quasars at $z \sim 2$
15:15	Charutha Krishnan	Enhancement of AGN activity in a protocluster at $z=1.6$
15:30	Coffee Break	
15:45		
16:00	Sugata Kaviraj	Unveiling the low surface brightness Universe: the fundamental but unexplored role of minor mergers in galaxy evolution
16:15		
16:30	Chris Skipper	Identifying galaxy mergers through spatially-offset radio AGN
16:45	Discussion Session	
17:00		
17:15	Closing remarks and end workshop at 5:15pm	