

# The Physics of Groups and Galaxy Properties therein

MONDAY 12 December 2016		
9:20	Gary MAMON & Pierre GUILLARD	Welcome
<b>Physics of Groups</b>		
9:35	(R) Ming SUN	X-ray observations of local galaxy groups
10:05	(I) Ewan O'SULLIVAN	X-ray observations of the Complete Local-Volume Groups Sample
10:30	(C) Rich BIELBY	Cool gas in the intra-group medium
10:50	(C) Florence DURRET	Groups & clusters in the 3XMM-Stripe 82 zone
11:10	<b>COFFEE</b>	
11:40	(C) Alexis FINOQUENOV	Galaxy groups in ultradeep X-ray surveys
12:00	(P) Siwei ZOU	The X-ray luminosity temperature relation of low mass clusters
12:05	(P) François MERNIER	Radial abundance profiles in the hot intra-group medium
12:10	(R) Arif BABUL	The interplay between stellar & AGN feedback in groups
12:40	(C) Amandine LE BRUN	Scatter & evolution of cluster gas & dark matter profiles
13:00	<b>LUNCH</b>	
14:45	(I) Mark VOIT	AGN feedback & regulation of the intragroup medium
15:10	(C) Martin BOURNE	Simulation of AGN jet feedback
15:30	(C) Rukmani VIJAYARAGHAVAN	Hydrodynamics of galaxy transformation in groups
15:50	(C) Deovrat PRASAD	AGN Feedback in Galaxy Groups
16:10	(I) Richard BOWER	The dark nemesis of galaxy formation
16:35	<b>COFFEE</b>	
17:05	(P) Benoît FOURNIER	Semi-analytical modeling of groups and galaxies therein
17:10	(R) Ian McCARTHY	The hot gas properties of groups: a theoretical perspective
17:40	(I) Yohan DUBOIS	Morphological transformations and AGN feedback
18:05	(P) Akos BOGDAN	Hot halos as a probe of galaxy formation in different environments
18:10	<b>DISCUSSION: Physics of groups</b>	
18:40	<b>END</b>	
18:45	<b>COCKTAIL</b>	

TUESDAY 13 December 2016		
<b>Optically-Selected Groups</b>		
9:30	(R) Gary MAMON	Measuring galaxy environments: methods & consequences
10:00	(R) Brent TULLY	Your average group
10:30	(I) Bill FORMAN	Feedback on group scales - the M87 environment
10:55	(P) Rory SMITH	The consequences of group preprocessing for galaxies in clusters
11:00	<b>COFFEE</b>	

11:30	(R) Graham SMITH	<i>The masses of groups of galaxies</i>
12:00	(C) Lyndsay OLD	<i>Using galaxies to measure the masses of groups &amp; clusters</i>
12:20	(C) Andrea BIVIANO	<i>Kinematic, lensing &amp; X-ray mass estimates of a poor cluster</i>
12:40	(C) Sabrina STIERWALT	<i>Groups of dwarf galaxies</i>
13:00	<b>LUNCH</b>	
14:45	(I) Gus EVRARD	<i>Extending a cluster population model to group-scale masses</i>
15:10	(C) Remco VAN DER BURG	<i>Abundance &amp; spatial distribution of ultra-diffuse galaxies in clusters</i>
15:30	(P) Manuel RABOLD	<i>Radial structure of groups in adiabatic hydro simulations</i>
15:35	<b>DISCUSSION: Optically-selected groups</b>	
<b>Environmental Effects on Galaxies</b>		
15:55	(R) Marcella CAROLLO	<i>Environment, quenching and bulge growth</i>
16:25	<b>COFFEE</b>	
16:55	(C) Joanna WOO	<i>Environment quenching and morphological transformation</i>
17:15	(C) Laura PARKER	<i>The connection between galaxies and their halo environment</i>
17:35	(C) A. BIVIANO (Paola POPESSO)	<i>The halo mass, a key ingredient to understand galaxy evolution</i>
17:55	(P) Rhea-Silvia REMUS	<i>The different paths to group formation</i>
18:00	(P) Prajwal KAFLE	<i>Mass segregation in galaxy groups</i>
18:05	(P) HongBae ANN	<i>Environment dependence of dwarf galaxy morphology</i>
18:10	<b>END</b>	
19:30	<b>CONFERENCE DINNER: <i>le Parc aux Cerfs</i>, 50 rue Vavin (10 min walk down Bd Raspail)</b>	

<b>WEDNESDAY 14 December 2016</b>		
9:15	(C) Christine JONES	<i>Characterizing the X-ray emission of galaxies in groups</i>
9:35	(I) Simon LILLY	<i>Galaxy conformity on small and large scales</i>
10:00	(P) Katarina KRALJIC	<i>Environmental effects at <math>z &lt; 0.2</math> from the GAMA survey</i>
10:05	(C) Marina TREVISAN	<i>Quenching in galaxies up to large clustercentric distances</i>
10:25	(C) Clotilde LAIGLE	<i>Galaxy properties within filaments using COSMOS2015</i>
10:45	(P) Giulio ROSANI	<i>Influence of galaxy environment on the IMF of early-type galaxies</i>
10:50	(P) Benoit EPINAT	<i>Kinematics of group galaxies at <math>z \sim 0.7</math></i>
10:55	<b>COFFEE</b>	
11:25	(I) Lucio MAYER	<i>Satellites in groups: resolved environmental processes</i>
11:50	(I) Françoise COMBES	<i>Molecular gas in tidal and ram-pressure stripped tails</i>
12:15	(C) Anna GALLAZZI	<i>Element abundance ratios &amp; quenching in centrals &amp; satellites</i>
12:35	(C) Edouard TOLLET	<i>How much of their stellar mass do cluster galaxies lose to the ICL?</i>
12:55	<b>GROUP PHOTO</b>	
13:10	<b>LUNCH</b>	
	<b>FREE AFTERNOON</b>	

## THURSDAY 15 December 2016

9:15	(R) Gabriella DE LUCIA	<i>Semi-analytical modeling of physical processes on satellites</i>
9:45	(C) Peter HATFIELD	<i>Galaxy clustering &amp; the galaxy-halo connection in deep surveys</i>
10:05	(C) Mike HUDSON	<i>Quenching and morphological transformations in clusters</i>
10:25	(C) Matteo FOSSATI	<i>Witnessing the onset of environmental quenching at <math>z \sim 2</math></i>
10:45	<b>COFFEE</b>	
11:15	(P) Meiert GROOTES	<i>The star formation activity cycle of satellite spiral galaxies</i>
11:20	<b>DISCUSSION: Environmental effects on galaxies</b>	
<b>Compact &amp; Fossil Groups</b>		
11:50	(R) Theo BITSAKIS	<i>Star formation in compact groups</i>
12:20	(P) Tao WANG	<i>Formation of group galaxies from the most distant X-ray cluster</i>
12:25	(R) Katey ALATALO	<i>Quenching and molecular gas in compact groups</i>
12:55	<b>LUNCH</b>	
14:40	(I) Phil APPLETON	<i>Probing the state of shocked gas in compact group galaxies</i>
15:05	(C) Pierre GUILLARD	<i>Turbulent dissipation and star formation in Stephan's Quintet's IGM</i>
15:25	(P) Philippe AMRAM	<i>Witnessing gas mixing in a nearby compact group of galaxies</i>
15:30	(P) Ute LISENFELD	<i>Suppression of star formation in compact groups</i>
15:35	(R) Habib KHOSROSHAHI	<i>Fossil galaxy groups: halo and all therein</i>
16:05	(C) Alfonso AGUERRI	<i>Observational properties of fossil groups</i>
16:25	<b>COFFEE</b>	
16:55	(R) Ali DARIUSH	<i>Understanding the evolution of fossil groups</i>
17:25	<b>DISCUSSION: Compact &amp; Fossil Groups</b>	
17:45	(S) Trevor PONMAN	<i>Meeting summary</i>
18:15	Gary MAMON & Pierre GUILLARD	<i>Last words</i>
18:30	<b>END OF MEETING</b>	