

Joint OULE3/SWG Euclid Meeting on Clusters of Galaxies

ICTP - Giambiasi Lecture Hall - Trieste, November 14-17, 2016

Nov 14, Monday Afternoon		
Simulations		
Chair: Weller		
2.00-2.30	Welcome	Sartoris
2.30-3.10	Simulation (SWG)	Giocoli
3.10-3.40	Updates on the new Simulations	Castander
3.40-4.00	Likelihood (SWG)	Costanzi, Sartoris
4.00-4.30	COFFEE BREAK	
4.30-5.30	Discussions: Simulations available and needed	Weller,Borgani
5.30-6.00	Discussions: covariance matrices	Weller,Borgani
Nov 15, Tuesday Morning		
OULE3-PF		
Chair: Maurogordato		
9.00-9.30	Clustering of clusters (OULE3)	Marulli, Branchini, Weller
9.30-10.00	Number density profiles (OULE3)	Mamon
10.00-10.20	Richness (OULE3)	Benoist, Castignani
10.20-10.50	COFFEE BREAK	
10.50-12.50	Mass obs rel (SWG)	Andreon, Amodeo Parroni, Sereno (30 min each)
12.50-2.00	Lunch BREAK	
Nov 15, Tuesday Afternoon		
Detection and Selection function		
Chair: Biviano		
2.00-2.30	Analysis of CFC4	Maurogordato, Vannier
2.30-2.45	Fragmentation and Overmerging using membership matching	Adam
2.45-3.00	Towards a metric for the selection of algorithms	Munari
3.00-3.15	$P(\Lambda, M)$	Sartoris
3.15-3.30	Issues on purity and completeness	Ascaso
3.30-4.00	Discussion: metric definition	Maurogordato
4.00-4.30	COFFEE BREAK	
4.30-4.45	Planck selection function	Melin
4.45-6.00	Discussion: Selection function definition	Sartoris, Costanzi
8.00	Social Dinner at Bagutta restaurant	

Nov 16, Wednesday Morning		
Astrophysics and WL		
Chair: Bartlett		
9.00-9.30	WL selection (SWG)	Maturi
9.30-10.00	Mass modelling (SWG)	Meneghetti
10.00-11.00	Discussion : Prior from WL masses	Bartlett
11.00-11.30	COFFEE BREAK	
11.30-11.50	Astrophysics of galaxy clusters (SWG)	De Lucia
11.50-12.10	HST grism confirmation results of the 20 densest CARLA cluster candidates and comparison with Euclid	Noiro
12.10-1.00	Discussion : Blue grism	Bartlett
1.00-2.00	Lunch BREAK	
Nov 16, Wednesday Afternoon		
Lessons and Prior from External Data		
Chairs: Moscardini, Pello		
2.00-3.00	Validation	Pello
3.00-3.20	External Data (SWG)	Melin
3.20-3.40	Lessons from X-ray surveys	Ettori
3.40-4.00	eRosita	Costanzi
4.00-4.30	COFFEE BREAK	
4.30-4.50	DES	Saro
4.50-5.10	J-PA8S	Ascaso
5.10-5.30	Spitzer	Eisenhardt
5.30-5.50	Lessons from SZ surveys	Saro
Nov 17, Thursday Morning		
Meeting outcomes		
9.00-10.00	Discussion: Science performance verification (cycle 2)	Bartlett
10.00-11.00	Discussion on the outcomes of the meeting	Moscardini
11.00-11.30	COFFEE BREAK	
11.30-13.00	Summary and Final discussion of the meeting	Moscardini