

The evolution of galaxy clusters and cluster galaxies in the epoch of large optical/IR surveys

Scientific program

[all talks: 25 min + 10 min questions/discussion]

Sunday 12th

17:00 – Registration opens

17:00-18:30 – Welcome drink

Monday 13th

08:30 – Registration re-opens

Introduction

09:00-09:10 – Florence Durret: *Welcome address*

Chair: Hugo Capelato

09:10-09:45 – Christophe Adami & Florence Durret: *The scientific legacy of Alain Mazure: how to make science with an open mind*

09:45-10:15 – coffee break

Cluster surveys

10:15-10:50 – Christophe Adami: *The XXL survey*

10:50-11:25 – Laerte Sodr : *Galaxy Clusters with J-PAS*

11:25-16:00 – lunch/ski/fitness break

16:00-16:30 – coffee break

Chair: Laerte Sodr 

16:30-17:05 – Dominika Wylezalek: *The Massive Distant Clusters of WISE Survey (MaDCoWs) and the Clusters Around Radio-loud AGN Project (CARLA)*

17:05-17:40: Loic Guennou: *Determination of Cluster properties for a sample of SZ detected galaxy clusters using Lephare*

17:40-18:15: Brian Lemaux: *ORELSE what? Exactly*

Tuesday 14th

Properties and evolution of cluster galaxies

Chair: Erica Ellingson

08:50-09:25 – Bianca Poggianti: *Galaxy masses, sizes, stellar histories and morphologies in clusters, groups and field*

09:25-10:00 – Graham Smith: *Infrared observations of massive galaxy clusters*

10:00-10:30 – coffee break

10:30-11:05 – Felicia Ziparo: *LoCuSS: Exploring new methods for weakly-lensed background galaxies*

11:05-11:40 - Bodo Ziegler: *The busy life of the cluster complex RXJ1347-11*

11:40-16:00 – lunch/ski/fitness break

16:00-16:30 – coffee break

Chair: Bianca Poggianti

16:30-17:05 – Erica Ellingson: *Mapping Infalling Galaxy Populations in the Large Scale Environment around Clusters*

17:05-17:40 - Ulriche Kuchner: *Spectral and morphological properties of CLASH cluster galaxies*

17:40-18:15 - Amata Mercurio: *Galaxy populations as a function of the environment: a study in MACSJ1206.2-0847 at $z \sim 0.44$*

18:15-18:50 - Marisa Girardi: *New insights on cluster structure and evolution using spectroscopically separated galaxy populations*

Wednesday 15th

Properties and evolution of cluster galaxies (ctd.)

Chair: Bodo Ziegler

08:50-09:25 – Bruno Altieri: *Star formation in high-redshift clusters from Herschel and GLACE observations*

09:25-10:00 – Michael Balogh: *The stellar mass distribution and galaxy populations of $z=1$ clusters*

10:00-10:30 – coffee break

10:30-11:05 – Adam Muzzin: *The Phase Space of Clusters at $z \sim 1$ as a Tool for Understanding the Environmental Quenching Process*

11:05-11:40 - Joe Mohr: *The Galaxy Population and the Baryon Budget in SPT Selected Clusters*

11:40-16:00 – lunch/ski/fitness break

16:00-16:30 – coffee break

Chair: Michael Balogh

16:30-17:05 – Gregory Rudnick: *Probing the end of star formation in High Redshift Cluster Galaxies*

17:05-17:40 - Rene Fassbender: *The formation of massive galaxies in the densest cluster environment at $z \sim 1.6$*

17:40-18:15 - Raphael Gobat: *Galaxy evolution in dense environments at $z=2$: emergence of the quiescent population*

20:00 - Social dinner at Sport & Kurhotel

Thursday 16th

Properties and evolution of galaxy clusters

Free morning

16:00-16:30 – coffee break

Chair: Gregory Rudnick

16:30-17:05 - Piero Rosati: *Results from CLASH-VLT*

17:05-17:40 – Marianna Annunziatella: *The mass function of MACS1206*

17:40-18:15 - Florence Durret: *Environmental effects on galaxy luminosity functions in clusters*

18:15-18:50 - Nicolas Martinet: *Galaxy Luminosity Functions of High Redshift DAFT/FADA Clusters of Galaxies*

Friday 17th

Properties and evolution of galaxy clusters (ctd.)

Chair: Piero Rosati

08:50-09:25 - Hugo Capelato: *The Velocity distributions of Groups of Galaxies: connecting with the intrinsic properties of their galaxies*

09:25-10:00 – Nicole Czakon: *Baryon-Derived Scaling Relations from CLASH*

10:00-10:35 – Doron Lemze: *Using spectroscopic data of galaxies within and around galaxy clusters to test structure formation*

10:35-11:05 – coffee break

11:05-11:40 – Joe Mohr: *Summary talk*

End of the meeting