Galaxy Clusters in the Early Universe

Gran Hotel Pucón 9-12 November 2009

Sunday 8 November

20:00-22:00 WELCOMING COCKTAIL AND REGISTRATION

Monday 9 November

08:00- Registration continues 09:00-09:20 Welcoming remarks

Morning session: Chair - Chris Lidman

09:20-10:00	Bianca Poggianti Clusters over a Hubble Time: bridging the low- and high-redshift universes (invited talk)
10:00-10:20	Louise Edwards
	Evolution in the moderate-redshift cluster Abell 1763
10:20-10:40	Sebastian Lopez
	Unveiling cold baryons in high redshift galaxy clusters
10:40-11:00	Diego Capozzi
	The ratio of luminous to faint galaxies in x-ray and optically selected low-z clusters
11:00-11:30	COFFEE BREAK AND POSTER VIEWING (plus continued registration)
11:30-11:50	Gaël Foëx
	Constraining the dark matter properties in intermediate redshift clusters of galaxies
11:50-12:10	Marco Castellano
	Large scale structures in the GOODS-SOUTH field up to $z \sim 2.5$
12:10-12:30	Ignacio Toledo
	Intra-cluster light in clusters at intermediate redshift
12:30-12:50	Ruben Sánchez-Janssen
	The properties of galaxy disks in nearby galaxy clusters
13:00-15:00	LUNCH

Afternoon session: Chair - Leopoldo Infante

15:00-15:40	Nelson Padilla The theoretical view of high-z clusters (invited talk)
15:40-16:00	Nicola Menzi
	The red sequence of high-redshift clusters in hierarchical galaxy formation models
16:00-16:20	Jean-Claude Waizmann
	Studying thermal evolution of galaxy clusters at high redshifts: implications for observations
16:20-16:40	Alessio Romeo
	The slope of the galaxy red sequence up to $z=2$ from cosmological simulations of clusters and groups

16:40- COFFEE BREAK AND POSTER VIEWING

Tuesday 10 November

Morning session: Chair - George Miley

09:00-09:40	Mike Gladders Optically Selected Galaxy Clusters: from the SDSS to RCS (invited talk)
09:40-10:00	Hernan Muriel
10.00.10.20	Red sequence and environment: implications for the star formation history in protoclusters
10:00-10:20	Remi Cabanac
10.20.10.10	The CFHTLS Strong Lensing Legacy Survey: a window on groups scale lenses
10:20-10:40	Ricardo Demarco
	Spectrophotometric properties of cluster galaxies: galaxy evolution and cluster structure
10:40-11:00	at z > 0.8 Anand Raichoor
10.40-11.00	Mass-size relation for early-type galaxies at z>1
	mass-size retution for early-type guidates at 2>1
11:00-11:30	COFFEE BREAK AND POSTER VIEWING
11:30-11:50	Tomas Verdugo
	Probing the innermost density profile in the lens galaxy group SL2SJ02140-0532
11:50-12:10	Mathilde Jauzac
	Weak lensing detection of a filamentary structure near the massive cluster MACSJ0717
12:10-12:30	Renbin Yan
10 00 10 50	RCS-Spec: galaxy evolution in distant clusters
12:30-12:50	Carolina Núñez
	Morphological and photometric study of the galaxy population in XMMJ2235-2557 at $z=1.39$
13:00-15:00	LUNCH

Afternoon session: Chair - Felipe Barrientos

15:00-5:40	Mark Brodwin The infrared view of high-z clusters (invited talk)
15:40-16:00	John Stott
16:00-16:20	The mass and size evolution of brightest cluster galaxies since $z=1.5$ Frank Heymann
16:20-16:40	Clustering of red galaxies around the z=1.53 quasar 3C 270.1 Gillian Wilson
10:20-10:40	The SpARCS $z > 1$ cluster survey
16:40-17:10	COFFEE BREAK AND POSTER VIEWING
17:10-17:30	Adam Muzzin
17:30-17:50	The GCLASS survey Stefano Andreon
	The cluster of galaxies JKCS041 at z~1.9 and cluster scale relations
17:50-18:10	Roberto Muñoz The growth of the red sequence in clusters since z~1
18:10-18:30	Povilas Palunas Ly-alpha blobs: signposts of clustering in the early universe

Wednesday 11 November

Morning session: Chair - Gus Evrard

09:00-09:40	Kathy Romer The x-ray view of high-z clusters (invited talk)
09:40-10:00	Florence Durret
10.00 10.20	An x-ray to infrared view of the young cluster RX J1257.2+4738 at z =0.866
10:00-10:20	Rene Fassbender
10:20-10:40	New high-z x-ray clusters from the XMM-Newton Distant Cluster Project Antoine Chamballu
	The Planck cluster catalog: S-Z and x-ray expected properties
10:40-11:00	Jeeseon Song
	Characterizing the image of SPT AGN in SZE cluster finding
11:00-11:30	COFFEE BREAK AND POSTER VIEWING
11:30-11:50	Ilona Soechting
	Quasars and galaxy clusters – where are the connections?
11:50-12:10	Luis Campusano
	Finding galaxy clusters at z>1 embedded in large quasar group complexes
12:10-12:30	Eduardo Cypriano
	z~1 galaxy clusters around quasar pairs
12:30-12:50	Craig Harrison
	The environments of $z \sim 1$ 3C radio sources
13:00-15:00	LUNCH

Afternoon session: Chair - Marc Huertas

15:00-15:40	George Miley Radio sources as probes of clusters in the early universe (invited talk)
15:40-16:00	Nina Hatch Cluster progenitors: radio-selected galaxy overdensities at $z \sim 2.4$
16:00-16:20	Audrey Galametz Probing high redshift galaxy clusters at $z \sim 1.5$ using radio galaxies
16:20-16:40	Jaron Kurk H -alpha emitters in a forming cluster at $z=1.6$ in the GMASS field
16:40-	COFFEE BREAK AND POSTER VIEWING
20:00	CONFERENCE DINNER

Thursday 12 November

Morning session: Chair - Gus Evrard

09:00-09:40	Tadayuki Kodama Panoramic views of cluster evolution since z=3 with Subaru (invited talk)
09:40-10:00	Marc Huertas-Company The role of environment in the morphological transformation of galaxies in 9 rich intermediate redshift clusters
10:00-10:20	Alessandro Rettura Probing stellar populations and structural evolution in the early universe: star formation histories and sizes of massive early type galaxies in field, groups and clusters
10:20-10:40	Percy Gomez The very massive central galaxy in the nearby Abell 3287 cluster
10:40-11:00	Raphael Gobat Star formation histories of $z \sim 1$ cluster early-type galaxies
11:00-11:30	COFFEE BREAK AND POSTER VIEWING
11:30-11:50	Ruth Grutzbauch The star formation history of the XMMU J2235.3-2557 galaxy cluster at z=1.4
11:50-12:10	Ernst Kuiper Growing up in the city: galaxy populations in a protocluster at z~3
12:10-12:30	Luke Davies Galaxy clustering at the very highest redshift
12:30-12:50	Matteo Maturi Cosmology with galaxy cluster counts in weak-lensing surveys
13:00-15:00	LUNCH
noon coccion.	Chair Michael West

Afternoon session: Chair - Michael West

15:00-15:40	Gus Evrard The agony and the ecstasy: cluster cosmology in the data-rich era (invited talk)
15:40-16:00	Chris Lidman
	Using Type Ia supernovae in distant galaxy clusters as a dark energy probe
16:00-16:20	Hao-Yi Wu
	Precision cosmology from future galaxy cluster surveys
16:20-16:40	Eric Jullo
	Dark matter and dark energy with strong lensing in galaxy clusters
16:40-17:00	Marceau Limousin
	A new window of exploration in the Mass Spectrum: strong Lensing by galaxy groups in the Strong Lensing Legacy Survey

CONFERENCE END

Posters

- Heather Andrews: Unveiling cold baryons in high redshift cluster galaxies
- Pablo Araya Melo: Identifying Shocks in the Cosmic Spine

- Ricardo Bustos: Prospectives with ALMA Band 1
- Mauricio Carrasco: *Gravitational lensing in clusters of the RCS*
- Georgina Coldwell: Triplet of quasars at high redshifts: environmental analysis
- Hector Cuevas: *Photometric and spectral properties of low x-ray galaxy clusters*
- Arjen de Hoon: Discovery of a X-Ray Selected Strong Lensing Cluster at z=1.08
- Jorge Diaz: Unveiling the end of star formation in u^* selected massive galaxies
- Erica Ellingson: Chandra observations of the optical/IR-selected z=1.34 cluster SpaRcs ES1-351
- Ashley Faloon: A spectroscopic survey of the z=0.9 supercluster RCS231953+00
- Percy Gomez: Flamingos-2: Gemini's new instrument for studying high-z galaxy clusters
- Rodrigo Holanda: On the distance duality and the geometry of the galaxy clusters
- Kousai Katsuki: Spectroscopic LBG survey in SSA22
- Jaron Kurk: H-alpha emitters in a forming cluster at z=1.6 in the GMASS field
- Veronica Motta: Spectroscopic follow-up of lensing groups in the CFHTL Strong Lensing Legacy Survey
- José Luis Nilo Castellón: Photometric and spectral properties of low x-ray galaxy clusters
- Allison Noble: Submillimeter imaging of high-redshift galaxy clusters
- Fernando Selman: Anti-hierarchical evolution in the line of sight toward RXJ0054-2823
- Jeeseon Song: Analyzing cluster finders with realistic mock catalogs
- Jorge Diaz Tello: Unveiling the End of Star Formation in *u-selected Massive Galaxies
- Ignacio Toledo: Diffuse light component in a medium cluster at redshift 0.3
- Yuji Yang: Extended Lyman Alpha nebulae: tracer for high-z proto-cluster?

