

The Role of Mergers and Feedback in Galaxy Evolution - Ringberg October 31 - November 5, 2004

SESSION	TIME	LENGTH	SPEAKER	TITLE	
Sunday, 31st					
	17:00		ARRIVAL AND REGISTRATION		
	19:00		WELCOME BUFFET		
Monday, 1st					
	08:45	00:15	LOC	Opening Announcements	
MASSIVE GALAXIES AT HIGH REDSHIFT: OBSERVATIONS AND CLUES FROM THE LOCAL UNIVERSE	09:00	00:30	Shapley	Properties of UV selected star forming galaxies at the peak of the QSO/cosmic SF activity ($z \sim 1.5-3$)	
	09:30	00:30	Franx	Properties of NIR-selected galaxies at $z \sim 2$	
	10:00	00:30	Smail	Properties of submm selected galaxies at $z \sim 2-3$	
	10:30	00:40	COFFEE		
	11:10	00:30	Dunlop	Properties of $z \sim 2-3$ QSOs and their host galaxies	
	11:40	00:30	Lilly	Properties of star forming galaxies at $z > 4$	
	12:10	00:25	Carilli	H: The micro-jansky radio population	
	12:45-14:00			LUNCH BREAK	
	MASSIVE GALAXIES AT HIGH REDSHIFT: OBSERVATIONS AND CLUES FROM THE LOCAL UNIVERSE	14:00	00:25	Cimatti	H: Comparison of different selection techniques at high- z
		14:25	00:25	Egami	H: First results on high- z starbursts with Spitzer
14:50		00:30	Bender	Evolution of massive early type galaxies and bulges from local fossil record	
15:20		00:30	Kauffmann	Evolution of massive galaxies as deduced from SDSS	

15:50	00:40	COFFEE	
16:30	00:25	Carollo	H: Mergers vs Secular evolution
16:55	00:30	Genzel	Dynamical masses at $z \sim 2.5$
17:25	00:25	Daddi	H: Clustering evolution of massive galaxies to $z \sim 3$
17:50	00:40	Leader: White	DISCUSSION: Observations of High- z galaxies
18:30		DINNER	

Tuesday, 2nd

08:50	00:10	LOC	
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STAR FORMATION IN EXTREME ENVIRONMENTS

09:00	00:30	Tan	Star formation & ISM physics in high pressure environments
09:30	00:30	Downes	Molecular gas at low and high redshift: fuel for star formation
10:00	00:30	Lutz	Global properties of local massive star forming galaxies: radio to IR
10:30	00:40	COFFEE	
11:10	00:30	Calzetti	Global properties of local massive star forming galaxies: UV to X-rays
11:40	00:30	Fall	Properties and evolution of super-star clusters and the IMF in mergers
12:10	00:25	Klessen	H: Star formation on microscopic scales

12:45-14:00 LUNCH BREAK

STAR FORMATION IN EXTREME ENVIRONMENTS

14:00	00:25	Chapman	H: Warm Micro-Jy radio sources
14:25	00:25	TBD	H: Recent results from Subaru
14:50	00:25	Schiminovich	H: GALEX highlight on extragalactic star formation
15:15	00:35	COFFEE	
15:50	00:30	Rix	Spatially resolved evolution of cosmic star formation
16:20	00:25	TBD	H:
16:45	00:25	Yan	H: Spitzer results on high- z massive galaxies
17:10	00:40	Leader: Sternberg	DISCUSSION: Do massive starbursts have top-heavy IMFs?

18:30 DINNER

Wednesday, 3rd**THE ROLE OF FEEDBACK**

08:30	00:10	LOC	
08:40	00:30	TBD	Feedback in powerful local starbursts
09:10	00:30	Martin	Feedback in low mass starbursts
09:40	00:30	Heinz (TBC)	AGN feedback into the IGM
10:10	00:30	COFFEE	
10:40	00:30	Hernquist (TBC)	Modeling of feedback & metal enrichment
11:10	00:30	Steidel	Direct observations of the large-scale influence of feedback at high redshift
11:40	00:30	van Breugel	Energetics and feedback by radio galaxies

12:15 - 22:00

EXCURSION, CONFERENCE DINNER**Thursday, 4th****THE ROLE OF MERGERS**

09:00	00:30	Burkert	Merger simulations
09:30	00:30	Tacconi	Properties and evolution of ULIRG/LIRG mergers
10:00	00:25	Naab	H: Major vs minor mergers
10:25	00:40	COFFEE	
11:05	00:30	Navarro	Removing angular momentum
11:35	00:30	LeFevre	Evolution of Merger Rates with redshift
12:05	00:30	vanDokkum	Evolution of merger remnants and post-starbursts

12:45-14:00

LUNCH BREAK**THE ROLE OF MERGERS**

14:00	00:25	Scoville	H: Evolution of Starbursts to AGN
14:25	00:25	Bell	H: Mergers of red galaxies
14:50	00:25	Combes (TBC)	TBD
15:15	00:40	Leader: Baker	DISCUSSION: Duration and efficiency of merger induced star bursts
15:55	00:40	COFFEE	

**THE CONNECTION BETWEEN AGN
AND STARBURSTS**

16:35	00:30	Hasinger	Cosmic evolution of AGN
17:05	00:25	Wada	H: Modeling of AGN/starburst interaction
17:30	00:30	Veilleux	AGN –star formation connection in local powerful star forming galaxies
18:00	00:25	Alexander	H: AGN contribution to luminosities of SMM galaxies

18:30

DINNER

	Friday, 5th			
THE CONNECTION BETWEEN AGN AND STARBURSTS	08:50	00:10	LOC	
	09:00	00:30	Barger	Properties of x-ray bright galaxies at high redshift
	09:30	00:30	Fan	Properties and evolution of $z > 4$ QSOs
	10:00	00:25	deBreuck	H: Dust and gas in high redshift radio galaxies
	10:25	00:30	COFFEE	
	10:55	00:25	Bertoldi	H: Gas and dust in the highest redshift QSOs
	11:20	00:25	Cid Fernandes	H: Star formation in low luminosity AGN
	11:45	00:45	Leader: Moorwood	DISCUSSION: Chicken or egg?
	12:30-14:00		LUNCH BREAK	
PUTTING IT ALL TOGETHER				
DEBATE I	14:00	00:40	Begelman/Lehnert	Star formation during and after the formation of massive galaxies: feedback by supernovae or AGN?
	14:40	00:30	"	DISCUSSION
	15:10	00:40	COFFEE	
DEBATE II	15:50	00:20	Baugh	Formation and evolution of massive galaxies: A Tale of 4 Cities
	16:10	00:20	Somerville	Durham
	16:30	00:20	Danese	Santa Cruz/Baltimore
	16:50	00:20	DeLucia	Padova/Trieste
	17:10	00:40	Leader: Sanders	Munich
	17:50	00:10	SOC/LOC	DISCUSSION
	18:30		DINNER	Conference End
	Saturday, 6th			
	08:30-10:00		BUS DEPARTURE TO MUNICH	