

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

SESSION	TIME	LENGTH	SPEAKER	TITLE	
<b>Sunday, 31st</b>					
	17:00		ARRIVAL AND REGISTRATION		
	19:00		WELCOME BUFFET		
<b>Monday, 1st</b>					
	8:45	0:15	LOC		
<b>GALAXIES AT HIGH REDSHIFT: OBSERVATIONS AND CLUES FROM THE LOCAL UNIVERSE</b>	9:00	0:30	Shapley	Properties of UV selected star forming galaxies at the peak of the QSO/cosmic SF activity ( $z \sim 1.5-3$ )	
	9:30	0:30	Franx	Physical roperties of K-selected high redshift galaxies	
	10:00	0:30	Smail	Submm selected galaxies at $z \sim 2-3$	
	10:30	0:40	COFFEE		
	11:10	0:30	Dunlop	Supermassive black holes and their host galaxies at $z=2-3$	
	11:40	0:30	Lilly	Star formation at very high redshifts	
	12:10	0:25	Carilli	H: Properties of micro-jansky radio sources	
	12:45-14:00		LUNCH BREAK		
	<b>GALAXIES AT HIGH REDSHIFT: OBSERVATIONS AND CLUES FROM THE LOCAL UNIVERSE</b>	14:00	0:25	Cimatti	H: Comparing different selection techniques in the redshift desert
		14:25	0:25	Egami	H: First results on high-z starbursts with Spitzer
14:50		0:30	Bender	Local constraints on ages and formation of massive early-type galaxies	
15:20		0:30	Kauffmann	Evolution of massive galaxies as deduced from SDSS	
15:50		0:40	COFFEE		
16:30		0:25	Carollo	H: The evolution of disks and spheroids	
16:55		0:25	Genzel	Dynamical masses at $z \sim 2.5$	
17:20		0:25	Daddi	H: Clustering evolution of massive galaxies to $z \sim 3$	
17:45		0:40	Moderator: White	DISCUSSION: Observations of high-z galaxies	
18:30			DINNER		

		<b>Tuesday, 2nd</b>				
		8:50	0:10	LOC		
<b>STAR FORMATION</b>		9:00	0:30	Tan	Star formation & ISM physics in high pressure environments	
		9:30	0:30	Downes	Molecular gas at low and high redshift: fuel for star formation	
		10:00	0:30	Lutz	Global properties of local massive star forming galaxies: radio to IR	
		10:30	0:40	COFFEE		
		11:10	0:30	Calzetti	UV to X-ray properties of local star forming galaxies	
		11:40	0:25	Klessen	H: Gravoturbulent star formation	
		12:05	0:20	Groves	Modelling starburst spectral energy distributions: clues for the local and high-z	
		12:30-14:00		LUNCH BREAK		
<b>STAR FORMATION</b>		14:00	0:25	Chapman	H: The population of warm/hot micro-Jansky radio sources, and how they differ from the "normal" SCUBA/MAMBO population	
		14:25	0:25	Yan	H: Spectroscopic characterization of high-redshift infrared luminous galaxies detected by Spitzer	
		14:50	0:25	Schiminovich	H: GALEX highlight on extragalactic star formation	
		15:15	0:40	COFFEE		
		15:55	0:30	Rix	The spatial distribution of star formation within distant galaxies	
		16:25	0:25	Renzini	Steeper, flatter or just Salpeter: Evidence from galaxies and galaxy clusters	
	<b>FEEDBACK</b>		16:50	0:50	Moderator: Sternberg	DISCUSSION: Do massive starbursts have top-heavy IMFs?
			17:40	0:30	White	Angular momentum and feedback in galaxy formation
		18:30		DINNER		
		<b>Wednesday, 3rd</b>				
<b>FEEDBACK</b>		8:45	0:10	LOC		
		8:55	0:30	Martin	The dynamics of galactic winds from dwarf starbursts to ultraluminous starbursts	
		9:25	0:30	Heinz	AGN feedback into the IGM	
		9:55	0:30	COFFEE		
		10:25	0:30	Adelberger	Direct observations of the large-scale influence of feedback at high redshift	
		10:55	0:30	van Breugel	Energetics and feedback by radio galaxies	
	12:00 - 23:00		EXCURSION, CONFERENCE DINNER			

	<b>Thursday, 4th</b>			
<b>MERGERS</b>	9:30	0:30	Burkert	Major mergers and their relation to elliptical galaxy formation
	10:00	0:25	Sanders	H:ULIRGs
	10:25	0:25	Tacconi	H: Dynamics and evolution of ULIRG/LIRG mergers
	10:50	0:40	COFFEE	
	11:30	0:30	LeFevre	Evolution of Merger Rates with redshift
	12:00	0:30	Naab	Th influence of gas on the structure of merger remnants
	12:30-14:00		LUNCH BREAK	
	14:00	0:30	Scoville	Evolution of starbursts to AGN
	14:30	0:25	Bell	H: The Role of mergers in shaping the early-type galaxy population
	14:55	0:40	Moderator: Baker	DISCUSSION: Duration and efficiency of merger induced star bursts
<b>AGN/SF CONNECTION</b>	15:35	0:40	COFFEE	
	16:15	0:30	Lehmann	Cosmic evolution of AGN
	16:45	0:25	Wada	H: Formation of galactic nuclei and nuclear starbursts
	17:10	0:30	Veilleux	AGN –star formation connection in local powerful star forming galaxies
	17:40	0:25	Alexander	H: AGN contribution to luminosities of SMM galaxies
	18:30		DINNER	

	<b>Friday, 5th</b>			
<b>AGN/SF CONNECTION</b>	8:50	0:10	LOC	
	9:00	0:30	Barger	Properties of x-ray bright galaxies at high redshift
	9:30	0:30	Fan	Properties and evolution of $z > 4$ QSOs
	10:00	0:25	DeBreuck	H: Dust and gas in high redshift radio galaxies
	10:25	0:40	COFFEE	
	11:05	0:25	Bertoldi	H: Dust and gas in the highest redshift quasars
	11:30	0:25	Cid Fernandes	H: Star formation in low luminosity AGN
	11:55	0:40	Moderator: Moorwood	DISCUSSION: Chicken or egg?
	12:45-14:00		LUNCH BREAK	
<b>PUTTING IT ALL TOGETHER</b>				
<b>DEBATE I</b>	14:00	0:40	Begelman vs Lehnert	Star formation during and after the formation of massive galaxies: feedback by supernovae or AGN?
	14:40	0:30	"	DISCUSSION
<b>DEBATE II</b>	15:10	0:40	COFFEE	
	15:50	0:05	Debate Moderator: Genzel	Formation and evolution of massive galaxies: A Tale of 4 Cities
	15:55	0:20	Baugh	Durham: The GALFORM Semi-analytic model
				Santa Cruz/Baltimore: The Impact of Starburst and AGN Feedback on Galaxy Formation
	16:15	0:20	Somerville	Padova/Trieste: Joint formation of galaxies and QSOs
	16:35	0:20	Danese	Munich
	16:55	0:20	DeLucia	DISCUSSION
	17:15	0:40		Conference End
	17:55	0:10	SOC/LOC	
	18:30		DINNER: BAVARIAN BUFFET	
	<b>Saturday, 6th</b>			
	7:30-8:00		EARLY AIRPORT SHUTTLE	
	9:00		BUS DEPARTURE TO MUNICH AND AIRPORT	