

SESSION 1: COSMOLOGICAL CONTEXT AND OBSERVATIONAL PROPERTIES. (Monday 21st, morning and afternoon.)

Chair: R. González Delgado

9:00:9.30	Registration	Conference Room
9.30:9.40	M. Fernández	Welcome
9:40-10:20	T. Heckman	Extreme Starburst in the Local Universe: The Cosmological Context
10:20-10:40	R. Overzeier	Extreme starbursts galaxies at low and high redshift
10:40-11:00	T. Gonzalves	Integral-Field Observations of Lyman Break Analogs: Lessons for the High-Redshift Universe
11:00:11:30	COFFEE	
11:30-12:00	A. Alberdi	Radio Supernovae: A Window into the Heart of Starburst Galaxies
12:00-12:20	M. A. Pérez Torres	An extremely prolific SN factory in the buried nucleus of Arp 299A
12:20-12:40	A. Pasquali	Exploring local Starbursts with LBT LUCIFER: the case of NGC 1569
12:40-13:00	A. Monreal Ibero	Ionization mechanisms in the extra-nuclear regions of LIRGs
13:00-15:00	LUNCH	

Chair: J. Rodríguez Zaurín

15:00-15:40	A. Alonso Herrero	The Spitzer view of local starburst galaxies
15:40-16:00	T. Díaz Santos	The Spatial Extent of (U)LIRGs in the mid-Infrared
16:00-16:20	S. Aalto	Molecules in highly obscured galaxies
16:20-16:50	COFFEE	
16:50-17:10	S. García Burillo	SF laws in IR luminous galaxies
17:10-17:30	D. Miralles Caballero	Characterization of star forming regions in (U)LIRGS
17-30 – 18:30	DISCUSSION	

DISCUSSION: J. Tan and J. Turner

-The relevance of obscuration in the stellar content and the efficiency of star formation in Starbursts.

-Tracers of SF & SF laws: how robust, how universal?

SESSION 2: TRIGGERING MECHANISMS AND ENVIRONMENTS.
(Tuesday 22nd morning.)

Chair: C. Tadhunter

9:00-9:40	P. Di Matteo	Star formation and environment
9:40-10:00	L. Kewley	Extreme Starbursts in Merging Galaxies
10:00-10:20	C. Ramos Almeida	The triggering mechanisms of powerful radio galaxies: mergers and interactions
10:20-10:40	B. Weiner	Extreme Starbursts in Merging Galaxies
10:40-11:00	B Rothberg	The Impact of Star-Formation and Gas Dissipation on Galaxy Kinematics
11:00-11:20	COFFEE	
11:20-11:40	J. Tan	Star Formation: From Local Regions to Extreme Starbursts
11:40-12:00	S. Jogee	Impact of mergers on the SFR density out to $z \sim 1$
12:00-13:00	DISCUSSION	
13:00-15:00	LUNCH	

DISCUSSION: P. Di Matteo and P. Hopkins

-Star Formation: Triggering mechanisms:

- Prescriptions for modelling SFR

SESSION 3: STAR FORMATION HISTORIES. (Tuesday 22nd afternoon.)

Chair: A. Alonso-Herrero

15:00-15:30	R.M.González Delgado	Stellar Populations models: testing stellar libraries for Starbursts
15:30-16:00	J. Rodríguez Zaurín	The star formation histories and evolution of ULIRGs
16:00-16:20	R. Cid Fernandes	Fossil methods applied to ULIRGS: Challenges, Strategies and Results
16:20-16:40	COFFEE	
16:40-17:00	M. Rodrigues	How to retrieve stellar population in starburst
17:00-17:20	R. Delgado Serrano	Starburst galaxies in the present and past Hubble sequence
17:20 - 18:20	DISCUSSION	

DISCUSSION: C. Tadhunter and R. Cid Fernandes

-The different techniques to investigate the star formation histories of starburst galaxies: advantages and limitations.

SESSION 4: FEEDBACK EFFECTS. (Wednesday 23rd morning session)

Chair: S. Veilleux

9:30-10:10	C.N. Tadhunter	Outflows in AGNs
10:10-10:40	H.Spoon	Mid-infrared kinematic evidence for outflows in ULIRGs
10:40-11:10	P. Hopkins	Gas, Galaxy Mergers, Starbursts, and AGN: Powering an Evolving Hubble Sequence
11:10-11:30	COFFEE	
11:30-12:00	D. Rupke	Star Formation: From Local Regions to Extreme Starbursts
12:00-13:00	Poster Session	Pérez, Cortijo, Piqueras, Bellocchi, Alonso-Herrero (10 min./poster presentation)
13:00 - 14:00	DISCUSSION	

DISCUSSION: G. Canalizo and D. Rupke

-The different modes of feedback and their impact on the SF activity.

SESSION 5: THE AGN/SB CONNECTION. (Thursday 24th morning)

Chair: L. Colina

9:30-10:10	G. Canalizo	The Connection Between Starbursts and QSO Activity
10:10:10:30	M. Imanishi	The AGN-starburst connections in nearby luminous infrared galaxies
10:30-10:50	M.Lazarova	Infrared SEDs and Star Formation Rates of LoBAL QSOs
10:50:11:10	M. Villar-Martín	Extended emission line nebulae around type 2 quasars
11:10-11:30	COFFEE	
11:00.11.30	M. Brotherton	Post-Starburst Quasars
11:30-11:50	V.Wild	Timing the starburst AGN-connection
11:50-13:00	DISCUSSION	
13:00-15:00	LUNCH	

DISCUSSION: V. Wild and S. Veilleux

-How does the AGN affect the surrounding SF activity?

-The accuracy of the different diagnostics.

SESSION 6: THE DISTANT UNIVERSE. (Thursday 24 afternoon)

Chair: J. Fischer

15:00-15:30	M. Lehnert	Extreme Starbursts in the Distant Universe
15:30-15:50	M.Swinbank	The Properties of star-forming regions in high-z star-forming galaxies
15:50-16:10	K. Menendez Delmestre	An IFU view of extreme SB at $z \sim 2$: the case of sub-mm galaxies
16:10:16:30	P. Pérez González	Understanding the mass assembly of galaxies at $0 < z < 4$: Spitzer's contribution and open questions
16:30-16:50	COFFEE	
16:50-17:20	F.Hammer	Disk formation in massive spirals: merger or secularly induced star formation?
17:20 –18:20	DISCUSSION	

DISCUSSION: T. Heckman

-Are local Starbursts analogs to high-z star forming galaxies?

SESSION 7: SUMMARY AND FUTURE PROSPECTS (Friday 25th Morning)

Chair: J.M. Rodríguez Espinosa

9:30-10:10	J. Turner	Molecular Gas and Star Formation in Starbursts: A Closer Look
10:10-10:40	J. Fischer	Herschel PACS Spectroscopy of ULIRGs
10:40-11:10	S. Sánchez	CALIFA: Calar Alto Legacy IFs Astronomical Survey
11:10-11:30	COFFEE	
11:30-12:00	L. Colina	Mid-IR JWST view of dusty starbursts near and far
12:00-13:00	S. Veilleux	Summary & Future Prospects