

National Astronomy Meeting (NAM) 2025

Monday 7 July 2025

Star formation across environments: From individual molecular clouds to entire galaxies (16:15 - 17:45)

time	[id] title	presenter
16:15	[692] Star formation and feedback on cloud scales in different galactic environments	
16:40	[739] Emission line diagnostics in H II regions: a non-equilibrium perspective	LIU, Yuankang
16:55	[160] Explaining the FUV--H α SFR dichotomy in the M101 Group via HII region leakage	
17:10	[893] The impact of different star formation models on galaxy evolution across cosmic time	
17:25	[169] Magnetic Fields at the Heart of a ULIRG: Arp220	

Tuesday 8 July 2025

Star formation across environments: From individual molecular clouds to entire galaxies (09:00 - 10:30)

time	[id] title	presenter
09:00	[281] The ALMA Central molecular zone Exploration Survey (ACES): ALMA's multi-scale view of the CMZ	
09:20	[155] What controls the star formation in Cloud E/F with ACES?	
09:35	[234] Isolating the Central Molecular Zone using Fourier Filtering Techniques	
09:50	[758] Magnetic fields in star-forming regions: recent results from the JCMT BISTRO Survey	
10:05	[335] BISTRO: Magnetic Fields Regulate Star Formation in the Western CMZ	
10:20	Poster Flash Presentations	

Star formation across environments: From individual molecular clouds to entire galaxies (14:15 - 15:45)

time	[id] title	presenter
14:15	[606] Protostellar jets and their effects on the surrounding ISM	
14:30	[773] Bridging the scales from global galactic dynamics to local star formation	
14:45	[216] Resolving spiral arms, clumps and bulges in Cosmic Noon Galaxies with JWST and ALMA	
15:00	[451] How star formation-driven galaxy-scale outflows regulate star formation	
15:15	[751] Environmental quenching of star formation: the case of the Fornax cluster	
15:30	Poster Flash Presentations / Open discussion session	