

National Astronomy Meeting (NAM) 2025

Friday 11 July 2025

Galaxy formation simulations at the Frontier (09:00 - 10:30)

time	[id] title	presenter
09:00	[200] Exploring the non-equilibrium interstellar medium of population III galaxies in MEGATRON	
09:15	[618] Burst, quench, repeat: unveiling the evolution of high-redshift galaxies with the THESAN-ZOOM simulations	
09:30	[876] The First Light And Reionisation Epoch Simulations: high redshift galaxy evolution in the large volume, high fidelity regime	
09:45	[697] Cosmological hydrodynamical simulations with variable initial mass functions	
10:00	[210] Testing galaxy formation models with the stellar mass-halo mass relations for star-forming and quiescent galaxies	WANG, Kai
10:15	[546] The contribution of "orphan" galaxies to the ultrafaint population of MW satellites	

Galaxy formation simulations at the Frontier (14:15 - 15:45)

time	[id] title	presenter
14:15	[924] The FLARES view of early AGN	PAYYOOR VIJAYAN, Aswin
14:30	[914] Dwarf Galaxy Growth Across the Cosmic Web	
14:45	[204] Introducing the Kiara Simulations	
15:00	[880] Understanding the role of mergers and assembly history in shaping MW-like galaxies with 'genetically modified' simulations: the dependence on subgrid physics	
15:15	[419] Unveiling the kinematics of galaxies during the Epoch of Reionisation with the THESAN-Zoom simulations	
15:30	[439] Atomic gas in galaxies in the Colibre simulations	