

Forging stars and galaxies in the first billion years Schedule

Talks

Wednesday 09h00-10h30

09h05: The High Redshift Frontier with JWST - spectroscopic results from JADES (Andrew Bunker)

09h17: Metal Mayhem at $z \sim 7-10$: Diversity and Evolution of Gas-Phase Metallicity Gradients (Maria Koller)

09h29: A spatially resolved view of stars and ionised gas in H α emitters at $z \sim 6$ (Joshua Selfridge)

09h41: Star formation rate density as a function of stellar mass: A more complete mass function for star-forming dwarf galaxies and high redshift line emitters (Sakircan Beyazit)

09h53: Characterising the Dynamic ISM and the Bursty Star Formation in a Highly Lensed Complex System at $z=10.17$ with NIRSpec/IFU (Robert Pascalau)

10h05: Cosmological simulations of dust formation and evolution including Population III stars (Alice Ferreira)

10h17: Stochastically Sampling Star Clusters: Chemical Enrichment and Ionising Photons (Online) (Evan Jones)

Wednesday 16h15-17h45

16h15: The JWST EXCELS Survey: Spectroscopic constraints on the ionizing properties of star-forming galaxies at $1 < z < 8$ (Ryan Begley)

16h27: Cosmological simulations of the high-redshift galaxy population adopting a variable IMF (Anna Durrant)

16h39: Interpreting the stellar IMF at early times - Impact of the pre-main sequence on chemical enrichment and stellar population synthesis. (Elizabeth Stanway)

16h51: Let There Be Light: UV Luminosity Functions at $z=7-15$ from the new COLIBRE Simulations (Online) (Shengdong Lu)

17h03: A view from the HIGHLANDS: The impact of local Lyman-Werner radiation on star and early galaxy formation (Online) (Jindra Gensior)

17h15: The formation of Population III stars across Cosmic Dawn (Online) (Anatole Storck)

Thursday 09h00-10h30

09h05: Constraining the bursty star formation cycle of early rejuvenating galaxies using JWST (Maria Carranza-Escudero)

09h17: The ultraviolet continuum slopes of galaxies at $z \geq 12$ selected from 0.5 sq. deg of JWST imaging (Cecilia Bondestam)

09h29: Cutting the Gordian knot: Revealing the spatially resolved star formation history of a maximally old quiescent galaxy (Jonah Powley)

09h41: Panchromatic modelling of resolved high- z galaxy observations using Bayesian Neural Networks (Steven Ramnichal)

09h53: Clustered Star Formation, Radiative Feedback, and the Ionising Budget of a $z = 6$ Galaxy from Cosmological Radiation-Hydrodynamics Simulations (Fred Thompson)

10h05: JWST's N-emitters, ALMA's F-emitters, and intermittent star formation (Chiaki Kobayashi)

10h17: Improved initial conditions in Λ CDM: consequences for galaxy formation in the first billion years after the Big Bang (Online) (Owen Jessop)