Galaxy chemistries across cosmic time: a key window into the evolution of galaxies from observations and modelling Schedule

Talks

Tuesday 09h00-10h30

09h00: Opening remarks

09h01: The chemical enrichment of galaxies across the cosmic time (Invited) (Roberto Maiolino)

09h25: Chemical networks and the multiphase ISM in galaxy simulations (Invited) (Sylvia Ploeckinger)

09h49: Decoding the Drivers of Gas-Phase Metallicity across Cosmic Time (Maria Koller)

10h01: Probing feedback and metal enrichment with the Circumgalactic Medium (Prachi Khatri)

10h13: Chemical Evolution in the Early Universe with JWST *(Andrew Bunker)*

10h25: Poster flash talks (Speakers in order: Lewi Westcott, Alessandro Angrilli Muglia, Anne Inkenhaag, Anastasia Gvozdenkoi)

Tuesday 14h15-15h45

14h15: Galactic Morphography: Linking Galaxy Structure to Chemical Evolution and Assembly Histories (Maximilian Zemsch)

14h27: Connecting individual H II Region Abundances and Star Formation in M31 (Chloe Bosomworth)

14h39: Chemodynamical simulations of galactic dust formation and evolution across cosmic time (Alice Ferreira)

14h51: Measuring the detailed stellar chemical abundances of z>3 massive quiescent galaxies (Ho-Hin Leung)

15h03: The bursty baryon cycle: how differential galactic winds shape the chemistry of the first galaxies (Will McClymont)

15h15: Poster flash talks (Speakers in order: Sho Ebihara, Mahdieh Navabi, Astha Chaturvedi)

15h19: Panel session and closing remarks

Posters

- Nitrogen enhancement of GN-z11 due to the pollution from supermassive stars (Sho Ebihara)
- Stripped and Enriched: the role of ram—pressure in shaping chemical enrichment of galaxies at intermediate redshift (Amir H. Khoram)
- Metal Trends in Dwarf Galactic Fashion (Alessandro Angrilli Muglia)
- Using gamma-ray bursts to probe the faint, distant galaxy population; consistency with the general star forming galaxy population at different redshift ranges. (Anne Inkenhaag)
- Detailed Insights into the Evolution of the Gas-Phase Metallicity and Scaling Relations of a Large Sample at z > 3 (Lewi Westcott)
- Environment as the origin of the plateau and scatter in the Stellar Mass-Metallicity Relation in dwarf galaxies (Astha Chaturvedi)
- Outside-in evolution with a twist: metallicity gradients and asymmetries in the SMC (Mahdieh Navabi)