

Sazerac SIP: metals and dust at high-z

May 24-25 2022, 14-17 UTC

DAY 1 (24/5)		
14:00 – 14:15	Introductory remarks	
14:15 – 14:45	Kirsten Kraiberg Knudsen	Dust and metals in the early Universe - from an observational perspective (Invited contribution)
14:45 – 15:00	Amirnezam Amiri	A new accurate method for metallicity measurements in galaxies
15:00 – 15:15	Yuichi Harikane	Metal Enrichment in $z \sim 6 - 7$ Luminous Galaxies Probed with VLT, ALMA, and JWST
15:15 – 15:30	Douglas Rennehan	Mixing Matters
15:30 – 15:45	———— BREAK ————	
15:45 – 16:00	Marc Rafelski	The Metal Enrichment of Neutral HI gas Over Cosmic Time
16:00 – 16:15	Daniel Ceverino	Weak evolution of the mass-metallicity relation at cosmic dawn in the FirstLight simulations
16:15 – 16:30	Isaac Noel	Investigating the High-Redshift Mass-Metallicity Relationship Through Cosmological Simulations
16:30 – 16:45	Tanita Ramburuth-Hurt	Chemical inhomogeneities in distant galaxies
16:45 – 17:00	Harley Katz	Emission Line Signatures of the Pop III - Pop II Transition
DAY 2 (25/5)		
14:00 – 14:30	Kristian Finlator	Recent Progress and Outstanding Issues in Emerging CGM (Invited contribution)
14:30 – 14:45	Tom Bakx	A clear picture of dust-obscured star-formation in the Early Universe
14:45 – 15:00	Joris Witstok	Dual constraints with ALMA: new [OIII] 88 um and dust-continuum observations probe metal and dust content of luminous LBGs at $z \sim 7$
15:00 – 15:15	Joe Lewis	Dusty galaxies in cosmological RHD simulations of the EoR with RAMSES-CUDATON
15:15 – 15:30	Claudia Di Cesare	The assembly of dusty galaxies at $z > 4$: scaling relations and dusty environments
15:30 – 15:45	———— BREAK ————	
15:45 – 16:00	Aniket Bhagwat	Cospatial metal and 21 cm absorbers during the Epoch of Reionization
16:00 – 16:15	Antonello Calabro	Probing chemical and dust evolution at high redshift with VANDELS
16:15 – 16:30	Laura Sommovigo	The obscure(d) puzzle of EoR galaxies
16:30 – 16:45	Andrea Saccardi	Shedding light on galaxies at the end of the reionization epoch with long gamma-ray bursts
16:45 – 17:00	Closing remarks	