

CIDER

The Cold ISM During the Epoch of Reionisation — a SAZERAC meeting

February 24–25, 2021

Day 1: Observations

UTC	Speaker	Title
15:55 – 16:00	Login, "Hi, how are you?", "Am I muted?"	
16:00 – 16:05	Welcome	
16:05 – 16:35	Introduction by Kirsten K. Knudsen	
16:35 – 16:40	Buffer/break	
16:40 – 16:55	Floriane Leclercq (University of Geneva)	The cold ISM/CGM of $z > 3$ star-forming galaxies observed in Lyα
16:55 – 17:10	Alexandra M. Le Reste (Stockholm University; Oskar Klein Center)	The first spatially resolved comparison of Lyα and atomic hydrogen emission in high-redshift analog galaxies
17:10 – 17:25	Seiji Fujimoto (Cosmic Dawn Center, Niels Bohr Institute)	ALMA Lensing Cluster Survey: A Sub-kpc View of Multiply Imaged Bright [CII] Lines from a Sub-L* Galaxy at $z = 6$
17:25 – 17:40	Justin Spilker (University of Texas at Austin)	Ubiquitous Clumpy Molecular Outflows in $z = 4$–7 Massive Galaxies
17:40 – 17:45	Buffer/break	
17:45 – 18:00	Miroslava Dessauges-Zavadsky (Geneva Observatory, U. of Geneva)	Assessing the molecular gas content of galaxies toward the cosmic reionization epoch
18:00 – 18:15	Denis Burgarella (Laboratoire d'Astrophysique de Marseille)	The Dust Cycle in Galaxies at $5 < z < 10$
18:15 – 18:30	Ryan Sanders (University of California, Davis)	Understanding ISM metallicities and nebular emission lines at $z > 6$ using ALMA+JWST synergy



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Day 2: Theory

UTC	Speaker	Title
15:55 – 16:00	Login, "Hi, how are you?", "Am I muted?"	
16:00 – 16:05	Welcome	
16:05 – 16:35	Introduction by Desika Narayanan	
16:35 – 16:40	Buffer/break	
16:40 – 16:55	Kasper Elm Heintz (<i>University of Iceland</i>)	Constraining the [CI]- and CO-to-H ₂ conversion factors at $z > 2$ from absorption-selected galaxies
16:55 – 17:10	Livia Vallini (<i>Scuola Normale Superiore, Pisa</i>)	High [OIII]/[CII] surface brightness ratios in the EoR: a matter of burstiness?
17:10 – 17:25	Karen Olsen (<i>University of Arizona</i>)	Interpreting far-infrared line emission from the ISM during EoR with cosmological simulations
17:25 – 17:40	Shengqi Yang (<i>New York University</i>)	An analytic model for OIII fine structure emission from high-redshift galaxies
17:40 – 17:45	Buffer/break	
17:45 – 18:00	Luca Graziani (<i>University of Rome, La Sapienza</i>)	The assembly of dusty galaxies at $z > 4$
18:00 – 18:15	Anita Zanella (<i>Istituto Nazionale di Astrofisica</i>)	Early galaxy growth: the contribution of mergers and star-forming clumps
18:15 – 18:30	Laura Sommovigo (<i>Scuola Normale Superiore, Pisa</i>)	"Some like it hot": dust in high- z galaxies
18:30	Group photo and <u>Sazerac time</u>	