

Beyond the Edge of the Universe

Centro Cultural Olga Cadaval, Sintra, 21-25 October 2024

	Monday October 21	Tuesday October 22	Wednesday October 23	Thursday October 24	Friday October 25
09:00					
09:15	Welcome				
09:30	Pascal Oesch Focus on: Galaxy Formation - The first Gyr (Observations)	Roberto Maiolino Focus on: The Earliest Black Holes	Nick Seymour Focus on: The Earliest Radio Sources	Masami Ouchi Focus on: Early Galaxy Formation	Vincenzo Mainieri Focus on: AGN outflows and jets
09:45		Ignas Juddballs JADES census of high redshift AGN	Luca Ighina Relativistic jets from QSOs in the early Universe	Daniel Schaerer Extreme, peculiar, and normal star-forming galaxies at high-z: new discoveries and insights on early galaxies	Claudia Maria Raiteri Outflows in biazars
10:00	Stefano Carniani A shining cosmic dawn	Sarah Bosman The puzzling non-evolution of bright quasars at early times	Eric F. Jiménez-Andrade The deepest VLA radio surveys in the GOODS-N and CEERS fields	Mengyuan Xiao Studying extremely dust-obscured massive galaxies in the early Universe with JWST and ALMA	Alexander Hedge Powerful high-redshift radio galaxies with under-massive hosts: The radio-loud analogues to Little Red Dots
10:15	Eric Gawiser Using Galaxies at z>10 to Probe Burstiness and the IMF	Tullia Starrao Too many or just right? Massive jetted quasars in the early Universe	Isabella Prandoni MeerKAT and Euclid Team up: Exploring the galaxy-halo connection at cosmic noon	Giorgia Girardi Euclid ERO: a pilot investigation of the HEROs physical properties found in the Perseus cluster	Barbara Balmaverde The quest for high redshift (z~4) radio galaxies
10:30	Callum Donnan JWST PRIMER: A new multi-field determination of the evolving galaxy UV luminosity function at z=9-15	Bruno Ansoldi The Cosmic Gamma-Ray Horizon	Imogen Whittam The radio properties of high-redshift AGN and galaxies in the MIGHTEE survey	Ranga Ram Chary Insights from JWST Spectra on Magnetic Fields and the Fine Structure Constant	Cassandra Barlow-Hall Constraints on the X-ray Luminosity Function of AGN at z=4-10
10:45	Coffee-break	Coffee-break	Coffee-break	Coffee-break	Coffee-break
11:00		Alessandro Marconi Accurate Metallicity Determination in Ionized Gas through Advanced Photoionization Modelling with HOMERUN	Jose Alonso Do radio-powerful AGN exist in the EoR?	Maximilien Franco An unprecedented view of galaxies during the EoR with COSMOS-Web	Ismael Tereno The Euclid deep fields: rationale, design, expectations
11:15	Eros Vanzella Parsec-Scale Star Formation in the First Billion Years: Insights from JWST at the Focus of Cosmic Telescopes	Lucie Scharré Emission-line diagnostics for high-redshift populations of AGN	Bohdan Novosyadlyj Signal in the redshifted 21 cm Hydrogen Line from Dark Ages as a cosmological test	Kuria Watanabe Puzzlingly High N/O and N/C Galaxies at z = 6-10: Any Mechanisms for Insufficient C and O Enrichments	Davide Tornati Unveiling the cosmic web through Ly α emission: an ultra-deep observation with MUSE
11:30	Minko Curti Charting the chemical evolution of galaxies across cosmic time with deep JWST observations	Jordan D'Silva Cosmic odyssey of star formation and AGN	Allison Matthews Cosmic history and cosmic-ray physics with deep radio observations	Danielle Berg Observational Benchmarks of Chemical Evolution from Extreme Emission Line Galaxies	Discussion Session (Moderated by Michele Cirasuolo) <i>Emergence of First Galaxies and Black Holes: key questions to focus on for the next generation of deep surveys</i>
11:45	John Chisholm JWST's Glimpse: Combining deep NIRCcam imaging with gravitational lensing to reveal the first galaxies	Omar Almaini Investigating AGN activity in recently quenched galaxies at cosmic noon	Rodrigo Carvajal Radio luminosity functions from ML analysis	Aadarsh Pathak Predicting luminosity function and [OIII]5007/H β flux ratio for the galaxy ISM at high-redshifts	
12:00	Laura Keating Evolution of Lyman- α emitters in rapid and gradual reionization histories out to redshift 14	Daniel Roberts Self-Consistently Modelling Galaxy-Supermassive Black Hole Coevolution from z=0-6	Hugo Messias HI content at cosmic noon: a millimeter-wavelength perspective	Eloise Vitte Characterising the spectral shapes of high-redshift Lyman- α emitters	
12:15	Joris Witstok Primeval Lyman- α emitting galaxies reveal early sites of reionisation	Giacomio Venturi GA-NIFS: A cosmic journey into AGN outflows at z~3-6 with JWST NIRSpec	Nisim Kanekar The GMRT CATz1 Survey: The HI properties of galaxies at cosmic noon	Alexander Beckett The MUSE Ultra-Deep Field: Tracing the baryon cycle through low-mass galaxies since cosmic noon	
12:30	Ana Paulino-Alonso Unveiling LAE growth with HST and JWST	Over the Edge Poster Presentations Toru Yamada, Nuno Covas, Capucine Barfely, Henrique Miranda, Sophia Ridolfo, Peixin Zhu, Krzysztof Lisiecki, Ellie Worrel, Xavier Dupac	Over the Edge Poster Presentations Maria Isabel Camarero Martin, Pedro Martins, Reshoketse Thobejane, Craig Smith, Salome Mchedizidze	Over the Edge Poster Presentations Yipeng Lyu, Andrew Hopkins, Carlos Marrero de la Rosa, Samane Raji, Fernando Buitrago, Polychronis Papaderos, Victor Alonso-Rodriguez, Angelo George	Conclusion
12:45					
13:00	Over the Edge Poster Presentations Lucie Scharre, Rohan Varadaraj, Ivan Kramarenko, Norma Nava-Moreno				
13:15					
13:30					
13:45	Lunch (on-site)	Lunch (on-site)	Lunch (pick-up on-site)	Lunch (on-site)	Lunch (on-site)
14:00					
14:15					
14:30	Pratika Dayal Focus on: Galaxy Formation - The first Gyr (Theory)	Katherine Whitaker Focus on: The Earliest Passive Galaxies		Seiji Fujimoto Focus on: Gas and Dust at Early Epochs	
14:45					
15:00	Marko Shuntov COSMOS-Web: stellar mass assembly in connection to dark matter halos in 13.4 Gyr of cosmic history	Thibaud Moutard Galaxies Fate since the End of Cosmic Dawn: A Star-Formation Quenching Story		Carmen Blanco Unveiling the spatially resolved ISM in the lensed galaxy A1689-zD1 at z=7.13	
15:15	Benedetta Casavecchia COLDSim: A new look at H2, H I and HI in cosmological simulations.	Asa Bluck Galaxy Quenching at the High-z Frontier with JWST-CEERS		Mauro Stefanon Galaxy Assembly in the Early Universe from NIRSpec/IFU Observations of ALMA REBELS Galaxies	
15:30	Vladan Markov Evolution of dust attenuation in high-redshift galaxies observed by JWST	James Trussler A census of 5 < z < 8 emission-line-free smouldering galaxies: Constraints on the primordial star formation cycle		Naveen Reddy Ionization Conditions and Dust Covering Fractions of High-Redshift Galaxies from Keck and JWST Spectroscopy	
15:45	Marc Huertas-Company The emergence of the Hubble Sequence as seen by COSMOS-Web	Massissalia Hamadouche Constraining quenching mechanisms at high redshift: The sizes, masses and star-formation histories of massive galaxies		Francesco Salvestrini Witnessing the assembly of massive galaxies in the early Universe	
16:00	Luca Costantin JWST reveals a Milky Way-like barred spiral galaxy at redshift of 3	Maysa Skarbinski Insights into quenching and quenched galaxies at cosmic noon with JWST		Sophie Lebowitz NIRCcam Simulations and Observations of AGN Ionization Cones in Cosmic Noon Galaxies	
16:15	Coffee-break	Coffee-break		Coffee-break	
16:30					
16:45					
17:00	Alice Shapley Focus on: The Earliest Star Formation	Benedetta Ciardi Focus on: Cosmic Reionisation – theoretical modelling and observations	Social Programme Sightseeing in Sintra and Surroundings: Visit to the Park and Palace of Monserrate and to Cabo da Roca	Adam Carnall Focus on: Star formation history	
17:15	Andrea Weibel The Stellar Mass Function in the first 1.5 Gyr of Cosmic History with JWST: Rapid Build-Up of Dust-Obscured Giants at z=4-5	Klaudia Prohlová Strong contender for a true reionisation-driving galaxy: a double peaked proximate LAE at z=7		Tobias Looser Discovery of a recently (mini-)quenched galaxy at z=7.3 and more observational evidence for bursty SFHs in the first billion years	
17:30	Fengyuan Liu Dust-obscured star formation in the young Universe revealed by combining JWST PRIMER with ALMA	Ravi Jaiswar Interpreting the reionization of the universe through cosmic noon analogs: Addressing the SED modelling approach.		Christian Maier Quenching of high redshift cluster galaxies and properties of z>3 HST-dark galaxies revealed by JWST	
17:45	Rui Marques-Chaves The UV-brightest starbursts in the distant Universe: extreme modes of galaxy formation and Lyman continuum escape	Benedetta Spina Damping wings in the Lyman- α forest		Rachel Cochrane Mapping the multi-wavelength structures of SMGs with JWST	
18:00	Alba Covelo Paz H- α as a tracer of galaxy star formation and burstiness in the first billion years	Corey Pirie JWST Emission Line Survey: Probing emission-line galaxies into the Epoch of Reionisation		Giovanni Gandolfi Unveiling the Dark Side: The Impact of Galaxy Mergers on Dust-Obscured Star Formation Between z=3 and z=9	
18:15	End Day 1	End Day 2		End Day 4	
18:30					
18:45					
19:00					
19:15					
19:30		Conference Dinner	End Day 3		