

Contributed Talks

First Name	Last Name	Institution/Affiliation	Time (Minutes)	Title
Day 1		Chair: Laura Pentericci	<i>Includes 3 minutes questions.</i>	
Matthew	Hayes	Stockholm University	18	The Evolution of the Reionization Process
Dan	Stark	University Arizona	18	Lyman alpha in the Era of JWST
Charlotte	Mason	Cosmic Dawn Center, University of Copenhagen	18	New constraints on reionization from JWST Lyman alpha observations
EoR				
Andrea	Ferrara	Scuola Normale Superiore	18	Lyman Alpha emission from JWST-detected super-early galaxies
Axel	Rumholm	Stockholm University	18	Lyman alpha emission from the PASSAGE survey
Koki	Kakiichi	Cosmic Dawn Center, University of Copenhagen	18	The Role of Galaxies and AGN during Reionization: Insights from JWST ASPIRE Quasar Fields and Subaru IGM Tomography
Minami	Nakane	The University of Tokyo	15	Clear Redshift Evolution of Ly α Equivalent Width at $z=7-13$ Indicating Late Cosmic Reionization History
EoR		Chair: Ewald Puchwein		
Mengtao	Tang	University of Arizona	18	Lyman-alpha emission in galaxies at $z \sim 5-6$: new insight from JWST into the statistical distributions of Lyman-alpha properties at the end of reionization
Ting-Yi	Lu	Cosmic Dawn Center, University of Copenhagen	15	Mapping reionization with JWST observations
Lorenzo	Napolitano	INAF - Osservatorio Astronomico di Roma	15	Peering into cosmic reionization: the Ly α visibility evolution from galaxies at $z = 4.5 - 8.5$ with JWST
Simulation - EoR				
Meredith	Neyer	MIT	15	Ionized bubble sizes during the Epoch of Reionization in THESAN
Aniket	Bhagwat	Max Planck Institute for Astrophysics (MPA)	15	Imprints of stellar feedback on Lyman alpha properties
Daniele	Manzoni	Scuola Normale Superiore	15	Lyman-alpha radiation pressure feedback in star-forming clouds at high-redshift
Yuxuan	Yuan	University of Cambridge	15	Ly α emission as a sensitive probe of feedback-regulated LyC escape from dwarf galaxies
Emma	Giovinazzo	University of Geneva	15	Modelling Ly α Emitters in the Epoch of Reionization: Investigating the connection Between Galaxy Properties and Observed Lyman- α Emission.
Day 2		Chair: Charlotte Mason		
Claudia	Scarlata	University of Minnesota	18	Are local diagnostics for LyC/Ly α escape valid during the EoR?
Jens	Melinder	Stockholm University	18	Lyman alpha imaging of the most extreme Lyman continuum emitters in the nearby Universe.
Laura	Pentericci	INAF - Osservatorio Astronomico di Roma	18	The escape of Lyman Continuum photons in Galaxies during the epoch of reionization
Klaudia	Protusova	Institute for Theoretical Physics, Heidelberg University	15	Strong contender for a true reionisation-driving galaxy: a double peaked proximate LAE at $z \sim 7$
EoR + Simulation (EoR)				
Gareth	Jones	University of Oxford	18	Constraining the evolution of Ly α emission and the IGM neutral fraction with JADES
Hiroya	Umeda	The University of Tokyo	15	Probing neutral hydrogen fraction and the ionized bubble radii at $6 < z < 12$ using JWST and Subaru
Ivan	Nikolić	Scuola Normale Superiore	15	Inference of reionization bubbles around high-redshift galaxies
Jeff	Cooke	Swinburne University	18	How supernovae complicate high redshift galaxy Ly α observations, measurements, and analyses
Ewald	Puchwein	Leibniz Institute for Astrophysics Potsdam (AIP)	18	Lyman-alpha Emission from High-Redshift Galaxies in Cosmological Radiation-hydrodynamics Simulations
Aaron	Smith	University of Texas at Dallas	18	Cosmic Lyman-alpha Transfer (COLT) code
Simulation - RT		Chair: Ann Verhamme		
Chris	Byrohl	ITA Heidelberg	18	The faint Lyman-alpha cosmic web
Seok-Jun	Chang	Max Planck Institute for Astrophysics (MPA)	18	Ly α Radiative Transfer in Turbulent Gas
Silvia	Almada Monter	Max Planck Institute for Astrophysics (MPA)	15	Deciphering Lyman Escape in Anisotropic Gas Configurations
Simulation - RT				
Leo	Michel-Dansac	Laboratoire d'Astrophysique de Marseille	18	RASCAS
Taysun	Kimm	Yonsei University	18	Emergence of Lyman alpha emission from GMCs to galactic scales
Kwang-Il	Seon	Korea Astronomy & Space Science Institute (KASI)	18	On the Doublet Flux Ratio of Mg II Resonance Lines in and Around Galaxies
Day 3		Chair: Matthew Hayes		
Lutz	Wisotzki	Leibniz Institute for Astrophysics Potsdam (AIP)	18	The distribution of cosmic Lyman-alpha emission from MUSE Deep Fields
Haruka	Kusakabe	NAOJ	18	The general presence of a Ly α halo around high- z galaxies and its high incidence rate
Byeongha	Moon	Korea Astronomy & Space Science Institute (KASI)	15	Number Density Evolution of the Largest Sample of Ly α Blots from ODIN: Redshift Evolution and Field-to-Field Variation
Rahna	Payzasseri Thanduparacka	Centro de Estudios de Física del Cosmos de Aragón	18	A search for Lyman alpha nebulae around high redshift quasars using JPAS surveys
Floriane	Leclercq	Centre de Recherche Astrophysique de Lyon (CRAL)	18	Resolving Lyman Alpha emission in a complete sample of Lyman Continuum leakers and non-leakers
CGM/Lyα halo				
Alexandra	Le Reste	University of Minnesota	18	LaCOS: Resolved Lyman-alpha properties of Lyman Continuum-emitting galaxies
Daria	Kozlova	Leibniz Institute for Astrophysics Potsdam (AIP)	15	Nature of the extended Lyman alpha emission around galaxies
Daniil	Smirnov	Leibniz Institute for Astrophysics Potsdam (AIP)	15	Lyman-alpha Halos at high redshifts with MUSE
Edmund Christian	Herenz	Inter University Centre for Astronomy and Astrophysics	18	Revelations from the Ionised Gas Kinematics of the Extended Lyman- α Reference Sample
Day 4		Chair: Lutz Wisotzki		
Nicolas	Ledos	University Milano-Bicocca	18	The fate and Ly α emission of cold streams in the circumgalactic medium: impact of magnetic field and thermal conduction.
Cody	Carr	Zhejiang University	18	Deciphering the Lyman Alpha Emission Line with Models of Radiation Transfer in a Multi-Phase CGM
Eloise	Vitte	University of Geneva / ESO	15	Understanding the nature of the observed Lyman-alpha line profiles of high-redshift galaxies.
Pengfei	Li	University of Utah	15	Emulating Extended Lyman Alpha Halos Around Star-Forming Galaxies
Andrea	Bolamperti	University of Padua	15	Observational constraints to the high- z circum-galactic medium geometry from the Ly α polarization profile
Bo	Peng	MPA	18	The Warm-to-Cold CGM of SMM J02399 System at Redshift 2.8
Ramona	Augustin	Leibniz Institute for Astrophysics Potsdam (AIP)	18	Linking HII absorption in the CGM to the stellar content of the host galaxy
Cosmology		Chair: Eric Gawiser		
Anne	Hutter	Cosmic Dawn Center, University of Copenhagen	18	The large-scale distribution of Lyman-alpha emitters: a tracer of the ionisation topology?
Ludis	Guaita	Universidad Andres Bello	18	The coupling of the Lyman alpha photon with the intergalactic medium
Yuxiang	Qin	The Australian National University	18	HII as a cosmological probe for reionization
Caitlin	Doughty	Universiteit Leiden	18	Inhomogeneous hydrogen reionization and its effects on the Lyman alpha forest
Arghyadeep	Basu	Max Planck Institute for Astrophysics (MPA)	15	Impacts of Non-stellar Sources on IGM : tests with Lyman- α forest studies
Day 5		Chair: Caryl Gronwall		
Eric	Gawiser	Rutgers University	18	What We Think We Know About LAEs, and How We Can Test It
Shun	Saito	Missouri University of Science and Technology	18	HETDEX Cosmology Overview or empirical LAE simulation
Zhen-Ya	Zheng	Shanghai Astronomical Observatory, CAS	18	The Narrowband Imaging Surveys in Space
Nicole	Firestone	Rutgers University	15	ODIN: Investigating the Star Formation Histories and SFR-M* Correlation of $z = 2.4, 3.1$, and 4.5 LAEs
Cosmology				
Caryl	Gronwall	Penn State University	18	Lyman alpha galaxies at $z \sim 3$ from HETDEX
Robin	Ciardullo	Penn State University	18	The Luminosity Function of HETDEX Ly-alpha Emitters
Gary	Hill	University of Texas at Austin	18	VIRUS Deep Fields – tracing Ly-alpha emission from the cosmic web at $z \sim 2-3$

Poster Presentations & Flash Talk Sessions

First Name	Last Name	Institution/Affiliation	Title
Day 1	EoR		
Shuairu	Zhu	Shanghai Astronomical Observatory, CAS	The Hubble Deep Hydrogen Alpha Project And 2 Lyman Continuum Leaker Candidates At $z \sim 4.4$
Satoshi	Kikuta	University of Tokyo	UV and Ly α halos around Lyman alpha emitters derived with stacking of deep HSC images
Ruqiu	Lin	Shanghai Astronomical Observatory	Intermediate-Mass Black Holes in Local Analogs of Lya and LyC galaxies
Yash Mohan	Sharma	Max Planck Institute for Astronomy (MPIA)	Call for Abstracts Behaviour of the Ly- alpha damping wings statistics as a function of reionization topology
Day 4 - 1	CGM/Lyα halo		
John	Pharo	Leibniz-Institut für Astrophysik Potsdam (AIP)	Uncovering the Intrinsic Distribution of Lyman Alpha Halos
Titouan	Lazeyras	University of Milano Bicocca	Using giant Lyman-alpha nebulae to constrain dark matter properties
Hee-Gyeong	Kim	Korea Astronomy and Space Science Institute	Study of Lyman Alpha Radiative Transfer in Rotating CGM
Day 4 - 2	Cosmology		
Danisbel	Herrera	Rutgers University	The Clustering Properties of ODIN Lyman Alpha Emitters at $z=2.4, 3.1$, and 4.5
Laurel	Weiss	UT Austin	Absorption Troughs of Lyman Alpha Emitters in HETDEX
Parth	Nayak	LMU Munich	Ly α NNA: A deep learning field-level inference machine for the Lyman- α forest
Gautam	Nagaraj	EPFL	The Ly α Luminosity Function as a Function of Cosmic Time and Density
Andres	Aramburo	Leiden University	Using Specwizard to explore ly-alpha forest