

**ASI 2026 – List of Selected Abstracts – Galaxies and Cosmology**

Name	Conference ID	Affiliation	Title	Abstract Type by SOC	Comments
Arunima Banerjee	ASI2026_281	IISER Tirupati	Evolution of low surface brightness ultra-thin galaxies: The role of dark matter halo and bar formation on disk thickness	Invited	
Balpreet Kaur	ASI2026_984	Inter-University Centre for Astronomy and Astrophysics	The HI properties of star-forming galaxies at $z \sim 1$ in the COSMOS field	Invited	
Chayan Mondal	ASI2026_288	S. N. Bose National Centre for Basic Sciences	AstroSat UV Deep Field: From Interstellar Dust to Lyman Continuum Leaking Galaxies at redshift $\sim 0.4-3.0$	Invited	
Soumavo Ghosh	ASI2026_634	IIT-Indore	Unveiling 'Yesterday' by studying 'Today' : comprehending the chemo-dynamical evolution of the Milky Way over cosmic time	Invited	
Abhijeet Anand	ASI2026_926	IUCAA, Pune	The Cosmic Evolution of Carbon Absorbers: First Insights from DESI Quasars	Oral	
Adarsh Kuruvanthodi	ASI2026_718	Indian Institute of Science Education and Research Tirupati	Balmer break galaxies at $z > 3$ : insights from the James Webb Space Telescope	Oral	
Akhil Krishna R	ASI2026_420	Indian Institute of Astrophysics	Extended ultraviolet emission and outer-disk star formation in Giant Low Surface Brightness Galaxies	Oral	
Akshay Rana	ASI2026_709	St. Stephen's College	Are Type Ia Supernovae Truly Standard Candles? A Gaussian-Process Test of Luminosity Stability	Oral	
Avinanda Chakraborty	ASI2026_223	Indian Institute of Astrophysics	Unveiling feedback in a clumpy star-forming galaxy at cosmic noon: ERIS observations of ZC406690	Oral	
Bannanje Ananthamoorthy	ASI2026_154	Manipal Centre for Natural Sciences, Centre of Excellence, Manipal Academy of Higher Education, Manipal, Karnataka, India	Detection of a UV Star-Forming Knot in the Giant Radio Galaxy NGC 315	Oral	
Deepali Agarwal	ASI2026_1081	The University of Texas Rio Grande Valley, Brownsville	Cosmic Variance of the Helligs and Downs Correlation and Source Anisotropies	Oral	
Divakara Mayya	ASI2026_522	Instituto Nacional de Astrofisica Optica y Electronica (INAOE)	Resolved stellar population studies of nearby galaxies using the James Webb Space Telescope	Oral	
Eshita Banerjee	ASI2026_938	IUCAA	The gaseous environments surrounding high-redshift Lyman-alpha emitters	Oral	
Janakee Raste	ASI2026_528	National Centre for Radio Astrophysics	Thermal Evolution of the IGM with Lyman- $\alpha$ photons during Cosmic Dawn	Oral	
Meera Nandakumar	ASI2026_134	University of Cape Town, South Africa	What Drives Turbulence in Galactic Discs? Evidence from MeerKAT HI Observations	Oral	
Nilanjandev Bhaumik	ASI2026_633	ICTP-AP, Beijing	Probing the QCD phase transition with extended mass distribution of primordial black holes in NANOGrav and LVK	Oral	
Prasun Dutta	ASI2026_912	IIT (BHU), Varanasi	Understanding systematics to uncover the redshifted 21-cm emission	Oral	
Priyanjali Patel	ASI2026_365	Universidad de Chile	Optical Variability in Quasars: A Wavelength-Dependent Study Using ZTF	Oral	

Rajorshi Sushovan Chandra	ASI2026_733	Raman Research Institute, Bangalore	21-cm Power Spectra From HERA : Analysis And Systematics Challenges	Oral	
Rashi Jain	ASI2026_838	National Centre for Radio Astrophysics - Tata Institute of Fundamental Research	Alaknanda: A Massive Grand-design Spiral Galaxy from the Universe's Infancy at redshift $z \sim 4$ with JWST	Oral	
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Soumak Maitra	ASI2026_697	Tata Institute of Fundamental Research, Mumbai	Tomographic Reconstruction of Reionization Using High-Redshift Lyman-alpha Emitters	Oral	
Soumil Maulick	ASI2026_953	Stockholm University	Constraints on the Average Escape of Ionizing Photons in the Cosmic Dusk	Oral	
Suchira Sarkar	ASI2026_387	Tata Institute of Fundamental Research, Mumbai	Shedding light on the most massive, double-exponential disk galaxies with extended faint disk in the nearby universe	Oral	
sushma kurapati	ASI2026_1010	National Centre for Radio Astrophysics	How Galaxies Build Mass and Angular Momentum: A Resolved View from Ultra-Deep MeerKAT HI Observations	Oral	
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