

mm Universe 2025

Monday, June 23, 2025

Poster Session + Welcome Reception - 161 (5:30 PM - 7:30 PM)

[id] title	presenter	board
[45] Deep Needlet: A CNN based full sky component separation method in Needlet space	Dr ADAK, Debabrata	
[128] Weak Lensing with SuperBIT: Shape Measurement and Mass Mapping of Galaxy Clusters	Dr SAHA, Sayan	
[49] Cold Fronts as Windows into Galaxy Cluster Physics	BELLOMI, Elena	
[52] Probing the Dynamical State of Galaxy Clusters: A Multi-Wavelength Approach with Dark Matter-Gas Coherence and Its Implications for Scaling Relations and Cosmology	CERINI, Giulia	
[25] Backlighting extended gas halos around luminous red galaxies: kinematic Sunyaev-Zel'dovich effect from DESI Y1 x ACT	RIED GUACHALLA, Bernardita	
[79] Implementation of Forward Modeling the SZ Signal in Galaxy Surveys	POPIK, Chad	
[114] A census of dust, star-formation, and gas in gravitationally lensed, high-redshift DSFGs	VIZGAN, David	
[85] SPT-3G: Clustering of tSZ-selected Galaxy Clusters	MARTSEN, Emily	
[100] Complex Permittivity Measurements with Quasioptical Fabry-Pérot Resonators	ELWOOD, Brodi	
[123] A high-precision absolute polarization calibration technique for CMB polarimeters	POLISH, Annie	
[71] TIFUUN: a superconducting on-chip integral field unit for galaxy cluster science	MOERMAN, Arend	
[74] Combined X-ray and SZ analysis of filamentary gas surrounding the Abell 3391/3395 system	WHITE, Delaney	
[107] MISTRAL at the Sardinia Radio Telescope: general description and technical commissioning	ISOPI, Giovanni	
[103] Characterising the Cosmic Web with a joint analysis on X-ray emission and Sunyaev-Zel'dovich signal	BARBAVARA, Eleonora	
[36] A New Estimator for Constraining Reionization Using the CMB	KRAMER, Darby	
[113] Stress Testing a Simulation-Based Inference Approach to Weak Lensing Galaxy Cluster Mass Inference	GILL, Akum	
[55] Studies of Crosstalk in Microwave Frequency Multiplexing Systems for CMB Observation	SATTERTHWAITE, Toby	
[50] The Simons Observatory: Exploring the Use of the Half Wave Plate Synchronous Signal as a Relative Calibration for Detectors	NGUYEN, David	
[82] Forecasts for a mm sky survey of the Northern Hemisphere with a 13-m antenna	FERNÁNDEZ TORREIRO, Mateo	
[140] Connecting the Stellar Distribution of Galaxy Clusters to Physical Processes in Simulations from The 300 Project	TSIANE, Kabelo	

[139] Exploring the core-galaxy connection	SOUZA VITÓRIO, Isabele	
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