



mm Universe 2025

Monday, June 23, 2025

Parallel Session B: Instrumentation - 401 (3:45 PM - 5:15 PM)

time	[id] title	presenter
3:45 PM	[93] Laboratory Measurements of Horn-Coupled Multi-Chroic Microwave Kinetic Inductance Detector Arrays for Cosmic Microwave Background Polarimetry	SHROYER, Jordan
4:00 PM	[13] Frequency-Selectable Laser Source (FLS) Calibrator for CMB Bandpass Characterization	SAUNDERS, Lauren
4:15 PM	[109] Water Vapor Radiometers for Site Characterization at CMB Observatories	MACKEY, Scott
4:30 PM	[33] Taurus: A balloon-borne polarimeter for cosmic reionization and Galactic dust	BENTON, Steven
4:45 PM	[22] A high frequency SAT for SO: the Kairos Project	Mr CATALANO, Andrea

# Tuesday, June 24, 2025

**Parallel Session B: Galaxy - 401 (1:25 PM - 2:55 PM)**

time	[id] title	presenter
1:25 PM	[30] A NIKA2 perspective on the interstellar dust properties in NGC 4254.	PANTONI, Lara
1:40 PM	[14] NIKA2 maps tracing dust grain evolution in cores of nearby filaments	KRAMER, Carsten
1:55 PM	[28] New PR4 polarized dust emission maps	RUSSIER, Elisa
2:10 PM	[78] The First Polarization Maps from the 857 GHz Planck Data	EL BOUHARGANI, Hamza
2:25 PM	[120] Advancing Galactic Foreground Modeling for CMB Studies	LAU, Kenny

# Wednesday, June 25, 2025

## **Parallel Session B: Mm-wave sources - 401 (1:10 PM - 2:40 PM)**

time	[id] title	presenter
1:10 PM	[2] The NIKA2 Cosmological Legacy Survey: studying the millimeter galaxy population up to $z \sim 7$	BERTA, Stefano
1:25 PM	[12] Extragalactic Millimeter Sources from Atacama Cosmology Telescope Observations	VARGAS CASTRO, Cristian Patricio
1:40 PM	[11] A halo model approach to describe clustering and emission of the two main star-forming galaxy populations for cosmic infrared background studies	ZAGATTI, Giorgia
1:55 PM	[1] Sunyaev–Zeldovich Signals from $L^*$ Galaxies: Observations, Analytics, and Simulations	OREN, Yossi
2:10 PM	[69] Baryonic feedback: how extreme is too extreme?	BIGWOOD, Leah

## **Parallel Session B: kSZ & Clusters - 401 (3:10 PM - 4:40 PM)**

time	[id] title	presenter
3:10 PM	[37] A Novel Bispectrum Estimator of the kSZ Effect using Projected Fields	PATKI, Raagini
3:25 PM	[31] Novel results and methods for kSZ velocity reconstruction	Mr LAI, Anderson MUENCHMEYER, Moritz
3:40 PM	[47] Probing Fundamental Physics with kSZ Tomography	TISHUE, Avery
3:55 PM	[83] Advancing kSZ Tomography: Velocity Reconstruction, Constraints on Primordial Non-Gaussianity, and a New Approach to Galaxy Simulations	Dr HOTINLI, Selim
4:10 PM	[106] The ACT bridge census: a search for hot gas between massive galaxy clusters	ISOPI, Giovanni

# Thursday, June 26, 2025

**Parallel Session B: Transients - 401 (1:55 PM - 3:25 PM)**

time	[id] title	presenter
1:55 PM	[91] Multiwavelength Cross-Correlation Using Millimeter AGN Light Curves from the Atacama Cosmology Telescope	HORNECKER, Erika
2:10 PM	[84] Probing Supermassive Black Holes with Millimetre Light Curves from the Atacama Cosmology Telescope and the Simons Observatory	HINCKS, Adam
2:25 PM	[112] Millimeter-wave transient detection in the Galactic plane with SPT-3G	WAN, Yujie
2:40 PM	[66] Searching for Transients Near the Galactic Plane Using Data from the Atacama Cosmology Telescope	LI, Yaqiong
2:55 PM	[68] Transient and Time Domain Astronomy in the Era of Simons Observatory	FOSTER, Allen

# Friday, June 27, 2025

**Parallel Session B: LIM - 401 (9:00 AM - 9:45 AM)**

time	[id] title	presenter
9:00 AM	[73] Tomography and Reconstruction for mm-wave Astronomy	CHIANG, Yi-Kuan
9:15 AM	[108] Harnessing the power of mm-wave line intensity mapping to study early galaxy formation	SUN, Guochao
9:30 AM	[51] SLICK-LIM: an AI-assisted Model for Forecasting Molecular Line Intensity Mapping Experiments	GARCIA, Karolina