



# 15th Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2025) Madison Wisconsin June 9-13

## Monday, June 9, 2025

### Dark Matter: Parallel 2 (3:30 PM - 5:00 PM)

-Conveners: Shawn Westerdale

time	[id] title	presenter
3:30 PM	[21] Recent Results from PICO-40L and the Future of the PICO Dark Matter Search	TRIPATHI, Mayank
3:48 PM	[161] Scintillating Bubble Chambers for Rare Event Searches	BROERMAN, Ben
4:06 PM	[96] Dark Matter Searches with Liquid Argon in DEAP-3600 and DarkSide-20k	HUFF, Daniel
4:24 PM	[35] Results and status of the LUX-ZEPLIN (LZ) experiment	AMARASINGHE, Chami
4:42 PM	[152] Evidence for Missing Matter in the Inner Solar System: Does the Sun have a Dark Disk?	GARDNER, Susan

# Tuesday, June 10, 2025

## **Dark Matter: Parallel 9: Joint DM/neutrinos (7:00 PM - 8:00 PM)**

time	[id] title	presenter
7:00 PM	[102] The DEAP-3600 dark matter search and charged-current 8B neutrino measurements in liquid argon	GARAI, Abhijit
7:18 PM	[137] The first measurement of coherent elastic neutrino-nucleus scattering of solar 8B neutrinos in the XENONnT experiment.	WENZ, Daniel
7:36 PM	[232] XLZD sensitivity to neutrinoless double beta decay	AMARASINGHE, Chami

# Wednesday, June 11, 2025

## Dark Matter: Parallel 5 (2:00 PM - 3:30 PM)

-Conveners: Alvaro Chavarria

time	[id] title	presenter
2:00 PM	[257] The Search For Light Dark Matter	TRICKLE, Tanner
2:18 PM	[124] Nuclear Recoils in CCDs	AZAD, Vijay
2:36 PM	[253] Scintillating developments in the directional detection of sub-GeV dark matter	BLANCO, Carlos
2:54 PM	[101] The Axion Dark Matter eXperiment: Overview and Latest Results	SINNIS, james
3:12 PM	[117] Searching for axion dark matter with DMRadio	SIMANOVSKAIA, Maria

# Thursday, June 12, 2025

## Dark Matter: Parallel 8 (4:00 PM - 5:35 PM)

-Conveners: Hugh Lippincott

time	[id] title	presenter
4:00 PM	[10] Discovering Axion-like particles using Multi-band observations of Galaxy clusters	MEHTA, Harsh
4:18 PM	[89] Beyond Standard Model Physics: Perspectives and Recent Results from the IceCube Neutrino Observatory	NISA, Mehr
4:36 PM	[258] Searching for Dark Matter Annihilation in the Sun with the IceCube Upgrade	VASSALLO, Fabrizio
4:54 PM	[228] Directional Dark Matter and other Rare Searches with gas TPCs	Prof. LOOMBA, Dinesh
5:17 PM	[3] Implications of the composite matter/antimatter hadron structure for Dark Energy and Dark Matter	PICKRELL, Mark