SILAFAE 2026

Monday 30 November 2026

Parallel Talks-SD:704 - SD-704 (14:30-17:00)

time	[id] title	presenter
14:30	[95] BSM searches on neutrino oscillations at NOvA	ACERO ORTEGA, Mario Andres
15:00	[3] Statistical Constraints on E□ Gauge Extensions via Sanson–Flamsteed CEνNS Analysis from CONUS+ data	Mr MARTÍNEZ BENAVIDES, Christian
15:20	[35] Disentangling Lorentz Invariance Violation and Non-Standard Interactions in Long-Baseline Neutrino Experiments	MASUD, Mehedi
15:50	[45] JUNO constraints on Lorentz-violating coefficients and implications for neutrino mass ordering	ARAYA-SANTANDER, Tatiana
16:10	[166] Exact and Hybrid Probabilities of Neutrino Oscillations in a Uniform Medium	Dr HERRERA, José Arnulfo
16:40	[4] Statistical Analysis of Non□Standard Neutrino Interactions and Leptophilic Gauge Extensions in CONUS+	Mr MUÑOZ LÓPEZ, Cristian Santiago

Tuesday 01 December 2026

Parallel Talks-SD:704 - SD-704 (14:00-16:30)

time	[id] title	presenter
14:00	[114] Optimizing Ditau Mass Reconstruction with Deep Learning: Toward Experimental Applications	PARRA OVELENCIO, Angie Catalina
14:20	[115] Tau Polarization as a Discriminator for BSM Particles in Ditau Final States	REYES VEGA, Jose Antonio
14:40	[151] Electroweak precision physics via angular distributions in τ decays to two pseudoscalars	PAZ CASTRO, Santiago
15:00	[137] Advancing the Precision Frontier in Top-Quark Physics: New Predictions for $t\bar{t}VV$ Production	RODRIGUEZ MELENDEZ, Luz Silvana
15:20	[150] Lund Jet Plane tagger for boosted particles in the ATLAS experiment	Mr CIFUENTES SALAZAR, Jean Pierre
15:40	[198] A Boosted Decision Tree for Signal and Background Discrimination in Boosted $HH\to b\bar{b}b\bar{b}$ Searches	PORTELA ROBAYO, José Alejandro

Thursday 03 December 2026

Parallel Talks-SD:704 - SD-704 (14:00-16:30)

time	[id] title	presenter
14:00	[18] SU(N) Baryon formation in the large N limit and Dark Matter	NARDI, Enrico
14:30	[25] Dark Neutrons as Dark Matter: Collisions in Halos and Direct Detection from Dark CP Violation	LANDINI, Giacomo
15:00	[79] ALP-Mediated Dark Matter at Low Reheating Temperature and the Belle II Excess	JONES-PEREZ, Joel
15:30	[68] FIMP dark matter in the scotogenic model at low-reheating temperatures	LONGAS BEDOYA, Robinson
16:00	[42] FIMP Dark Matter in Bulk Viscous Non-Standard Cosmologies	SALINAS, Rodrigo