Neutrino Physics and Machine Learning 2024

Wednesday, June 26, 2024

Day 2 - Afternoon - HCI J4 (1:35 PM - 5:55 PM)

time	[id] title	presenter
1:35 PM	[33] Latest results from the KATRIN experiment and insights into the neural network approach	SCHWEMMER, Alessandro
2:00 PM	Q/A	
2:10 PM	[57] End-to-End, Machine-Learning-Based Data Reconstruction Chain for LArTPC detectors	DRIELSMA, Francois
2:35 PM	Q/A	
2:45 PM	[18] One Neural Network, Two Detector Mediums, Three Detection Regions: Multi-detector Machine Learning with DUNE's Near Detector Prototype	MICALLEF, Jessie
3:00 PM	Q/A	
3:10 PM	[53] Michel Electron Reconstruction Using a Novel Deep-Learning-Based Multi-Level Event Reconstruction in ICARUS	JWA, Yeon-jae
3:25 PM	Q/A	
3:35 PM	[29] Generative Modeling for LArTPC Images	IMANI, Zeviel
3:50 PM	Q/A	
4:00 PM	Coffee break	
4:30 PM	[4] Deep Generative Models for Neutrino Physics	RADEV, Radi
4:55 PM	Q/A	
5:05 PM	[48] Machine-Learning-Based Data Reconstruction Chain for the Short Baseline Near Detector	CARLSON, Brinden
5:30 PM	Q/A	
5:40 PM	[46] Public Data Challenge	TERAO, Kazuhiro
5:50 PM	Q/A	