Neutrino Physics and Machine Learning 2024

Tuesday, June 25, 2024

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

time	[id] title	presenter
1:35 PM	[11] Identifying Neutrino Final States in MicroBooNE with a New Deep-Learning Based LArTPC Reconstruction Framework	ROSENBERG, Matthew
1:50 PM	Q/A	
2:00 PM	[22] Using CNN for a Dark Trident Search at MicroBooNE	MORA LEPIN, Luis
2:15 PM	Q/A	
2:25 PM	[21] Data-Driven Light Model for the MicroBooNE Experiment	ABRATENKO, Polina
2:45 PM	Q/A	
2:55 PM	[1] Particle Trajectory Reconstruction and Euclidian Equivariant Neural Networks	ALTERKAIT, Omar
3:15 PM	Q/A	
3:25 PM	[50] Deep Learning applications for electron neutrino reconstruction in the ICARUS experiment	KOH, Dae Heun FRANCOIS, Drielsma
3:50 PM	Q/A	
4:00 PM	Coffee break	
4:30 PM	[54] Muon Neutrino Reconstruction and Neutral Pion Calibration with Machine Learning Techniques at the ICARUS Detector	CARBER, Daniel
4:55 PM	Q/A	
5:05 PM	[27] Deep Learning in NOvA	YAEGGY, BARBARA
5:20 PM	Q/A	
5:30 PM	[35] Transformer Network for Event/Particle Identification and Interpretability at NOvA	BIAN, Jianming
5:45 PM	Q/A	