Neutrino Physics and Machine Learning 2024

Thursday, June 27, 2024

Day 3 - Afternoon - HCI J4 (1:25 PM - 5:55 PM)

time	[id] title	presenter
1:25 PM	[20] Contrastive Learning for Robust Representations of Neutrino Data	WILKINSON, Alex
1:50 PM	Q/A	
2:00 PM	[31] Enhanced Event Reconstruction at Hyper-Kamiokande using Graph Neural Networks and Prospect of the Impact to CP Violation Search	QUACH, Christine
2:25 PM	Q/A	
2:35 PM	[32] A Comprehensive Insight into Machine Learning Techniques in KM3NeT	PRADO GONZÁLEZ, Jorge
2:50 PM	Q/A	
3:00 PM	[8] Convolutional Neural Network for track reconstruction and PID in the HA-TPC of ND280 upgrade	CHALUMEAU, Anaelle
3:15 PM	Q/A	
3:25 PM	[51] Advancing neutrino interaction reconstruction: a deep learning strategy in highly-segmented dense detectors	AUBIN, Mayeul
3:50 PM	Q/A	
4:00 PM	Coffee break	
4:30 PM	[3] Machine Learning-Assisted Unfolding for Neutrino Cross Section Measurements	HUANG, Roger
4:45 PM	Q/A	
4:55 PM	[12] Application of Machine Learning techniques to improve event reconstruction in Super-Kamiokande	CALABRIA, Nicola Fulvio
5:10 PM	Q/A	
5:20 PM	[14] Deep Learning Reconstruction for the CLOUD Experiment	WENDEL, Garrett
5:45 PM	Q/A	