Neutrino Physics and Machine Learning 2024

Tuesday, June 25, 2024

Day 1 - Morning - HCI J4 (8:50 AM - 12:15 PM)

time	[id] title	presenter
8:50 AM	[55] Welcome to ETH	Dr ALONSO MONSALVE, Saul
9:05 AM	[10] Overview of machine learning applications in JUNO	LI, Teng
9:30 AM	Q/A	
9:40 AM	[15] Machine-Learning based photon counting for PMT waveforms and its application to the energy reconstruction of JUNO	HUANG, Guihong
9:55 AM	Q/A	
10:05 AM	[19] Interpretable machine learning approach for electron antineutrino selection in the JUNO experiment	GAVRIKOV, Arsenii
10:20 AM	Q/A	
10:30 AM	Coffee break	
11:00 AM	[5] Reconstruction of atmospheric neutrino’s directionality in JUNO with machine learning	Dr GAO, Feng
11:15 AM	Q/A	
11:25 AM	[13] Identification of atmospheric neutrino's flavor in JUNO with machine learning	MA, Wing Yan
11:40 AM	Q/A	
11:50 AM	[38] Deep learning approaches for fast event reconstruction in the SNO+ scintillator phase and beyond	HEWITT, Cal ANDERSON, Mark
12:05 PM	Q/A	