

IN2P3/IRFU Machine Learning workshop

mardi 16 mars 2021

Mardi matin (09:00 - 13:05)

-Présidents de session: David Rousseau

time	[id] title	presenter
09:00	[61] Introduction	GAUTARD, Valérie ROUSSEAU, David
09:15	[51] Towards a realistic track reconstruction algorithm based on graph neural networks for the HL-LHC	CAILLOU, Sylvain
09:30	[42] Mass and energy calibration of hadronic jets using DNN in ATLAS	DELSART, Pierre-Antoine
09:45	[36] Reconstruction of di-tau mass using deep neural networks	TORTEROTOT, Lucas
10:00	break	
10:30	[57] Mapping Machine-Learned Physics into a Human-Readable Space	FAUCETT, Taylor
10:45	[53] Reconstruction of generic decay trees using a Graph Neural Network	THALLER, Arthur
11:00	[50] Fitting a spectrum using ML	CALVET, Samuel
11:15	[37] Auto-Encoder based algorithms for anomaly detection	VASLIN, Louis DINU, Ioan
11:30	Break	
12:00	[45] Artificial Intelligences for measuring energy deposits in the ATLAS LAr calorimeter in real time	LAATU, Lauri
12:15	[44] RNNs on Intel FPGAs for real time signal processing in the ATLAS LAr calorimeter	FORTIN, Etienne
12:30	[40] Fink broker, enabling time-domain astronomy with ML	MOLLER, Anais
12:45	[59] GPUs @CC : utilisation et évolution	RIGAUD, Bertrand