

ML4Jets2022**Thursday 3 November 2022****Classification - Multipurpose Room (aka Livingston Hall) (09:00 - 10:40)****-Conveners: Cheng-Wei Chiang; Sung Hak Lim**

time	[id] title	presenter
09:00	[38] Recent ML-usage in searches with boosted jets in CMS	AMRAM, Oz
09:20	[28] Constituent-Based Top-Quark Tagging with the ATLAS Detector	GREIF, Kevin Thomas
09:40	[23] Adversarial training for b-tagging algorithms in CMS	STEIN, Annika COLLABORATION, CMS
10:00	[11] Truth tagging for efficiency parametrization of b-jets using Graph Neural Networks	GEDIA, Krunal Bipin
10:20	[5] Heterogeneous Graph Representation for Identifying Hadronically Decayed Tau Leptons at the High Luminosity LHC	HUANG, Andris JU, Xiangyang

Classification - Multipurpose Room (aka Livingston Hall) (11:10 - 12:50)**-Conveners: Johnny Raine; Michael David Sokoloff**

time	[id] title	presenter
11:10	[93] Identification of hadronic tau decays using a deep neural network with the CMS experiment at LHC	SHCHEDROLOSIEV, Mykyta
11:30	[34] Robust Signal Detection using a Classifier Decorrelated through Optimal Transport (CDOT)	CHAKRAVARTI, Purvasha
11:50	[36] VBF vs. GGF Higgs with Full-Event Deep Learning: Towards a Decay-Agnostic Tagger	CHIANG, Cheng-Wei
12:10	[32] Machine learning based jet and event classification at the Electron-Ion Collider	MULLIGAN, James
12:30	[41] Search for dimuon events in IceCube using decision trees	AGGARWAL, Nakul