ML4Jets2022

Thursday 3 November 2022

Measurement - 202ABC (09:00 - 10:40)

-Conveners: Eva Halkiadakis; Manuel Szewc

time	[id] title	presenter
09:00	[3] Multi-differential Jet Substructure Measurement in High Q^{2} Deep-Inelastic Scattering with the H1 Detector	MIKUNI, Vinicius Massami
09:20	[54] Machine learning for top physics in CMS	KEICHER, Philip Daniel
09:40	[73] ML Unfolding based on conditional Invertible Neural Networks using iterative training	BACKES, Mathias Josef
10:00	[9] Moment Unfolding using Deep Learning	DESAI, Krish
10:20	[16] Invertible Networks for the Matrix Element Method	HEIMEL, Theo

Measurement - 202ABC (11:10 - 12:50)

-Conveners: Oz Amram; Jesse Thaler

time	[id] title	presenter
11:10	[46] Constraining quark and gluon jet energy loss distributions in quark-gluon plasma using Bayesian inference	FALCÃO, Alexandre
11:30	[13] Estimating Uncertainties for Trained Neural Networks	BIERINGER, Sebastian Guido
11:50	[95] How can Bayesian networks be used for uncertainty quantification in particle physics?	PETERS, Christina
12:10	[69] Using Machine Learning to Improve our Understanding of the Jet Background in Nucleus-Nucleus Collisions.	MENGEL, Tanner
12:30	[82] Loop Amplitudes from Precision Networks	PLEHN, Tilman