

Machine Learning for Jet Physics

Friday, November 16, 2018

Simulation Independent Methods (Chairs: Tommaso Dorigo and Bryan Ostdiek) - One West (WH1W) (10:00 AM - 11:30 AM)

time	[id] title	presenter
10:00	[36] Introduction and overview (20'+10')	OSTDIEK, Bryan
10:35	[19] Disentangling Jet Categories at Colliders (20'+5')	METODIEV, Eric
11:05	[22] JUNIPR: a Framework for Unsupervised Machine Learning in Particle Physics (20'+5')	ANDREASSEN, Anders

Simulation Independent Methods (Chairs: Tommaso Dorigo and Bryan Ostdiek) - One West (WH1W) (1:00 PM - 3:00 PM)

time	[id] title	presenter
1:00 P	[14] CWoLa Hunting: Enhancing the Bump Hunt with Machine Learning (20'+5')	COLLINS, Jack
1:30 P	[12] QCD or What: Deep autoencoder based searches for new physics (20'+5')	KASIECZKA, Gregor
2:00 P	[7] Searching for New Physics with Autoencoders (20'+5')	FARINA, Marco
2:30 P	[15] Novelty Detection Meets Collider Physics (20'+5')	LIU, Tao