



# 11th International Workshop on Boosted Object Phenomenology, Reconstruction and Searches in HEP (BOOST 2019)

## Tuesday 23 July 2019

### Session: Machine Learning: Machine Learning - 32-123 (14:00 - 15:50)

-Conveners: Florencia Canelli

time	[id] title	presenter
14:00	[77] Machine Learning Intro (25'+5')	Prof. SOLOMON, Justin
14:30	[42] ParticleNet: Jet Tagging via Particle Clouds (15'+5')	QU, Huilin
14:50	[41] Interpretable Deep Learning for Two-Prong Jet Classification with Jet Spectra (15'+5')	LIM, Sung Hak
15:10	[67] Leveraging symmetries in jet representations with harmonic networks(15'+5')	SHIMMIN, Chase Owen
15:30	[79] The Machine Learning Landscape of Top Taggers(15'+5')	MACALUSO, Sebastian

### Session: Machine Learning: Machine Learning - 32-123 (16:20 - 18:20)

-Conveners: Matthew Schwartz

time	[id] title	presenter
16:20	[78] Uncovering latent jet substructure(15'+5')	Dr DILLON, Barry
16:40	[37] Jet grooming through reinforcement learning(15'+5')	CARRAZZA, Stefano
17:00	[48] Deep-Learning Jets with Uncertainties and More(15'+5')	THOMPSON, Jennifer
17:20	[63] Reweighting via classification for MC tuning(15'+5')	Dr ANDREASSEN, Anders
17:40	[55] End-to-end particle and event identification at the Large Hadron Collider with CMS Open Data(15'+5')	USAI, Emanuele