

ML4Jets2021**Tuesday, July 6, 2021****ML-Assisted Measurements and Searches (2:00 PM - 6:00 PM)****-Conveners: Matthew Schwartz; Vinicius Massami Mikuni**

time	[id] title	presenter
2:00 PM	[95] Invertible Neural Networks beyond Particle Physics	ARDIZZONE, Lynton
2:40 PM	[71] Combining Neural Network predictions with Hypothesis Testing for discovery in the LHC	SOUGHTON, Michael
3:00 PM	[30] Invertible Networks or Partons to Detector and Back Again	BUTTER, Anja
3:20 PM	[64] Towards a new generation of PDFs using ML	STEGEMAN, Roy
3:40 PM	[45] Emerging techniques for sampling, searching, and summing over the combinatorially large space of shower histories	MACALUSO, Sebastian
4:00 PM	[44] Tuning the parton shower parameters with the marginal likelihood	DRNEVICH, Matthew
4:20 PM	[42] Computing the exact optimal classifier for Ginkgo jets	GREENSPAN, Lauren
4:40 PM	[77] Parametrized classifiers for optimal EFT sensitivity	GLIOTI, Alfredo
5:00 PM	[12] Measuring QCD Splittings with Invertible Networks	HEIMEL, Theo
5:20 PM	[59] Jet-based TMD measurements with H1 data, unfolded using machine-learning techniques	ARRATIA MUNOZ, Miguel Ignacio ARRATIA MUNOZ, Miguel Ignacio
5:40 PM	[17] Parameter Inference from Event Ensembles and the Top-Quark Mass	FRASER, Katherine