

ML4Jets2021**Thursday, July 8, 2021****Interpretability, Robustness, and Uncertainties: Intro (2:00 PM - 2:40 PM)****-Conveners: Daniel Whiteson; Chase Owen Shimmin**

time	[id] title	presenter
2:00 PM	[63] Learning Partially Known Stochastic Dynamics with Empirical PAC Bayes	HAUSSMANN, Manuel

Interpretability, Robustness, and Uncertainties: Uncertainties (2:40 PM - 4:00 PM)**-Conveners: Chase Owen Shimmin; Daniel Whiteson**

time	[id] title	presenter
2:40 PM	[13] Uncertainties Associated with GAN Generated Datasets	SHYAMSUNDAR, Prasanth
3:00 PM	[94] Generative Networks with Uncertainties	LUCHMANN, Michel PLEHN, Tilman
3:20 PM	[25] Uncertainty Aware Learning for High Energy Physics	GHOSH, Aishik
3:40 PM	[15] Amplifying Statistics with Generative Models	BIERINGER, Sebastian

Interpretability, Robustness, and Uncertainties: Information Content (4:00 PM - 4:40 PM)**-Conveners: Daniel Whiteson; Chase Owen Shimmin**

time	[id] title	presenter
4:00 PM	[61] Safety of Quark/Gluon Jet Classification	ROMERO, Alexis
4:20 PM	[43] Thoughts on the expressive power and inductive bias of DeepSets and Tree-Based models	CRANMER, Kyle Stuart

Interpretability, Robustness, and Uncertainties: Constructing Observables (4:40 PM - 6:00 PM)**-Conveners: Daniel Whiteson; Chase Owen Shimmin**

time	[id] title	presenter
4:40 PM	[10] Explainable AI for ML Jet Taggers	MCLEAN, Christine Angela
5:00 PM	[100] Bayesian Inference in for Four Tops at the LHC	ALVAREZ DE LOS ALVAREZ DE SAN LUIS, Ezequiel
5:20 PM	[2] Spectral Clustering for Jet Formation	DAY-HALL, Henry
5:40 PM	[41] Deep-Learned Event Variables	KIM, Doojin