Machine Learning at GGI - Conference

Monday, 5 September 2022

<u>HEP</u> (16:45 - 17:55)

time	[id] title	presenter
16:45	[5] Using Machine Learning for Physics: The Underlying Mathematical Assumptions	BYERS, Jeff
17:20	[3] Product Jacobi-Theta Boltzmann machines with score matching	PASQUALE, Andrea

Tuesday, 6 September 2022

HEP (16:45 - 17:55)

time	[id] title	presenter
16:45	[28] Style-based quantum generative adversarial networks for Monte Carlo events	CARRAZZA, Stefano
17:20	[27] PDF determination: from NN fitting to posterior sampling	CANDIDO, Alessandro

Wednesday, 7 September 2022

HEP (10:40 - 13:00)

time	[id] title	presenter
10:40	[7] The LHC Physics case	ZANETTI, Marco ZANETTI, Marco
11:15	[8] Learning New Physics from a Machine	GROSSO, Gaia
11:50	[9] Efficient nonparametric methods for statistical anomaly detection	LETIZIA, Marco
12:25	[17] Challenges for unsupervised anomaly detection in particle physics	FRASER, Katherine

Thursday, 8 September 2022

HEP (14:30 - 16:15)

time	[id] title	presenter
14:30	[10] Parametrized classifiers for optimal EFT sensitivity	PANICO, Giuliano
15:05	[31] Towards an optimal global SMEFT fit with machine learning	TER HOEVE, Jaco
15:40	[11] Exploring EFT with ML at the LHC	SCHÖFBECK, Robert

HEP (16:45 - 17:55)

time	[id] title	presenter
16:45	[12] PHYSTAT Activities	LYONS, Louis
17:20	[32] Unsupervised Quark/Gluon Jet Tagging With Poissonian Mixture Models	SZEWC, Manuel

Friday, 9 September 2022

HEP (11:15 - 13:00)

time	[id] title	presenter
11:15	[14] Particle Cloud Generation with Message Passing GANs	KANSAL, Raghav
11:50	[15] Gradient estimators for normalising flows	BIALAS, Piotr
12:25	[16] Machine learning for supersymmetric matrix models	RINALDI, Enrico