

Workshop: Probing the Frontiers of Nuclear Physics with AI at the EIC

Monday, 25 September 2023

Morning session 2 (11:00 - 12:30)

-Conveners: James Mulligan

time	[id] title	presenter
11:00	[5] Theory-driven Quantum Machine Learning for Colliders	ARAZ, Jack
11:30	[6] Neural Quantum States for Neutron Stars	FORE, Bryce
12:00	[7] Applications of machine-learned flows to lattice QCD	HACKETT, Daniel

Tuesday, 26 September 2023

Morning session 2 (09:00 - 10:30)

-Conveners: James Mulligan

time	[id] title	presenter
09:00	[12] Boostin Loop Amplitudes and Event Generation with Precision Networks	BUTTER, Anja
09:30	[13] Optimal Transport: From Jet Physics to Quark-Gluon Plasma	CAI, Tianji
10:00	[14] Extracting physics and examining observable sensitivity via Bayesian Inference	EHLERS, Raymond

Morning session 2 (11:00 - 12:30)

-Conveners: nobuo sato

time	[id] title	presenter
11:00	[15] Accelerated Monte Carlo methods from machine learning	YAMAUCHI, Yukari
11:30	[16] Simulating EIC electron-proton events with diffusion models	DEVLIN, Peter
12:00	[17] Is IRC safe information all you need for jet classification?	ATHANASAKOS, Dimitris