



# 2023 RHIC/AGS Annual Users' Meeting

## Tuesday, 1 August 2023

### AI/ML in Nuclear Physics - Building 490, Large Conference Room (09:00 - 15:00)

-Conveners: Timothy Rinn; Zhongling Ji

time	[id] title	presenter
09:00	[226] ML Technique Overview in Nuclear or High Energy Physics (local)	Dr REN, Yihui (Ray)
09:30	[229] Construction and Fitting of a Deep Generative Hadronization Model (remote)	Dr SIODMOK, Andrzej Konrad
10:00	[224] A Closed-Form, Differentiable Metric on Event (remote)	Dr LARKOSKI, Andrew
10:30	Coffee Break	
11:00	[228] Interpretable Machine Learning Methods for Jet Background Subtraction in Heavy Ion Collisions	Mr MENGEL, Tanner
11:30	[227] Tracking with a Graph Neural Network (remote)	Dr ROUGIER , Charline
12:00	No Host Lunch Break	
13:00	[230] ML- enabled End-to-End Tracking Reconstruction and Trigger Detection	BORCA-TASCIUC, Giorgian
13:30	[225] AI Based Reconstruction for Highly Granular Hadronic Calorimeter for EIC (remote)	Dr KARKI, Bishnu
14:00	Coffee Break	
14:30	[223] FPGA Driven Machine Learning for Heavy Flavour Event Identification (remote)	Dr KVAPIL, Jakub