

GHP2025 Saturday, March 15, 2025

Sat 08:30 - 10:30	Plenary III	Room 201AB, CHAIR: Daniel Pitonyak
08:30 - 09:00	Charming Experiment Finds Gluon Mass in the Proton	Sylvester Joosten (Argonne National Laboratory)
09:00 - 09:30	UPCs at RHIC and the LHC	Zhoudunming Tu (BNL)
09:30 - 10:00	Experimental outlook for Color Transparency phenomena	Holly Szumila-Vance (FIU)
10:00 - 10:30	Understanding Hadron Structure by combining Lattice QCD and Phenomenology	Joe Karpie (Jefferson Lab)
Sat 10:30 - 11:00	coffee break	
Sat 11:00 - 12:30	Plenary IV	Room 201AB, CHAIR: Megan Connors
11:00 - 11:30	Results from the Relativistic Heavy Ion Collider Beam Energy Scan II	Shusu Shi (Central China Normal University)
11:30 - 12:00	Probing the quark gluon plasma with jets	Yi Chen (Vanderbilt University)
12:00 - 12:30	Energy-Energy Correlators and Connections to Transverse Momentum Structure	Zhongbo Kang (UCLA)
Sat 12:30 - 14:00	lunch break	
Sat 14:00 - 15:40	Artificial Intelligence, Machine Learning, Computing I	Room 201AB, CHAIR: Patrick Barry
14:00 - 14:25	AI generative models for hadron physics analyses	Marco Battaglieri (Genova)
14:25 - 14:50	GPU-based Online Reconstruction for SpinQuest Studies at Fermilab	Utsav Shrestha (Mississippi State University)
14:50 - 15:15	Overview of ALERT AI-assisted Track Reconstruction and Particle Identification Project	Mathieu Ouillon (Miss State U.)
15:15 - 15:40	AI/ML in Streaming Data Processing at the EIC	Markus Diefenthaler (Jefferson Lab)
Sat 15:40 - 16:10	coffee break	
Sat 16:10 - 17:50	Artificial Intelligence, Machine Learning, Computing II	Room 201AB, CHAIR: Markus Diefenthaler
16:10 - 16:35	From uncertainty to discovery: machine learning at the frontier of phenomenology	Brandon Kriesten (Argonne National Lab)
16:35 - 17:00	Quantum Algorithms for high energy evolution	Shaswat Tiwari (North Carolina State University)
17:00 - 17:25	An overview of the MUSES cyberinfrastructure and what it can do for you	Veronica Dexheimer (Kent State University)
17:25 - 17:50	Building Neutron Stars using MUSES Workflows	Mateus Reinke Pelicer (Kent State University)