RHIC & AGS Thesis Competition
May 2025
List of Participants

Semi-inclusive Hadron+Jet Measurements in Zr+Zr and Ru+Ru Collisions at $\sqrt{s_{NN}}$ = 200 GeV with STAR and Related Phenomenological Studies
Presented by Yang He

Machine Learning Applications for Improving Accelerator Operations
Presented by Weijian Lin

Underlying Event Fluctuations and Jet Background in $\sqrt{s_{NN}}$ = 200 GeV Au+Au Collisions Using the sPHENIX Detector
Presented by Tanner Mengel

Tracing Charm Through Quark Gluon Plasma Using Jet Tomography
Presented by Diptanil Roy

Study of Proton Number Fluctuations in Heavy-Ion Collisions at RHIC
Presented by Fan Si

Search for the Chiral Magnetic Effect from RHIC Beam Energy Scan II Data with STAR
Presented by Zhiwan Xu

Jet Substructure and Non-Perturbative Effects at RHIC Energies
Presented by Zhuoheng Yang

Spallation Cross Sections Of 290 And 400 Mev/Nucleon ^{12}c, 350 And 810 Mev/Nucleon ^{16}o Beams on Thick Targets
Presented by Hao Zuo