

2025 RHIC & AGS Users Meeting Poster Session

May 2025

List of Participants

The world's first nuclear time machine: The Electron-Ion Collider

Presented by Niseem Abdelrahman

Directed Flow of Protons and Anti-Protons in RHIC Beam Energy Scan II

Presented by Emilie Duckworth

Energy Correlators in D0-Tagged Jets for Direct Observation of the Dead Cone Effect and Charm Mass

Presented by Ryan Hamilton

sPHENIX Performance of the Intermediate Silicon Tracker

Presented by Jaein Hwang

Semi-inclusive jet mass measurement at $\sqrt{s_{NN}} = 200$ GeV with STAR

Presented by Jeongmyung Kang

Characterization of HRPPD Tiles for the pfRICH Detector at ePIC

Presented by Henry Kaplan

Measurement of the MBD cross section in Run24 Au-Au in sPHENIX experiment

Presented by Takahiro Kikuchi

Sub-bunch-crossing Time resolution of the sPHENIX Intermediate Silicon Tracker

Presented by Ryotaro Koike

Measurement of isolated prompt photons in $p + p$ collisions at 200 GeV with the sPHENIX detector

Presented by Shuhang Li

Machine Learning Applications for Improving Accelerator Operations

Presented by Weijian Lin

sPHENIX Armenteros-Podolanski Plot

Presented by Chenxi Ma



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Underlying event fluctuations and jet background in 200 GeV Au+Au collisions with the sPHENIX detector

Presented by Tanner Mengel

Measurements of e^+e^- production in Au+Au collisions at 200 GeV by PHENIX

Presented by Iurii Mitrnikov

sPHENIX Alignment of the TPC Tracking Detector

Presented by Mariia Mitrnkova

Measurement of Transverse Single-Spin Asymmetries in π^0 and eta Meson Production in 200 GeV p+p Collisions with sPHENIX

Presented by Dylan Neff

The study of v_2 vs. multiplicity with ZDC categorization at 200 GeV in AuAu at RHIC

Presented by Itsuaka Omae

Strange hadron production in O+O collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV at STAR

Presented by Iris Daniela Ponce Pinto

PHENIX Results on Identified Hadron Spectra in Small and Large Systems

Presented by Chaitanya Prasad

sPHENIX measurement of long-range two-particle correlations in high-multiplicity p+p collisions

Presented by Yuko Sekiguchi

e^+e^- pair continuum in $p + p$ collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV

Presented by Adam Sharhan

Search for the Chiral Magnetic Effect from RHIC Beam Energy Scan II data with STAR

Zhiwan Xu

Jet Substructure and Non-Perturbative Effects at RHIC Energies

Presented by Zhuoheng Yang

