2024 RHIC & AGS Users Meeting Poster Session

June 2024

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Opportunities at The Electron-Ion Collider
Presented by Niseem Abdelrahman

Forward Physics with Light Vector Mesons, PHENIX Experiment.
Presented by Uttam Acharya

Sample Fraction of Hadronic Calorimeters
Presented by Ghosoun Adawi

sPHENIX Minimum Bias Trigger Detector (MBD)
Presented by Abdullah Alsayegh

Measurement of pi0 v2 in AuAu Collisions at 200 GeV with the sPHENIX Detector
Presented by Justin Bennett

Toward Initial Conditions of Conserved Charges
Presented by Patrick Carzon

STAR BEMC Calibration: Methods and Current Progress
Presented by Charles Clark

Using Calorimetry for Electron Identification
Presented by Andrew Clarke

Di-electron Continuum Measurements in p+p Collisions at 200 GeV with PHENIX Detector
Presented by Vassu Doomra

Commissioning of the Local polarimetry at sPHNEIX
Presented by Jaein Hwang

Determination Algorithm of Z Coordinate of Vertex for the sPHENIX INTT Detector
Presented by Mahiro Ikemoto

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Charged Particle Multiplicity Measurement at sPHENIX in Run23
Presented by Hao-Ren Jheng

Using Xscape and Machine Learning to Study QGP
Presented by Savion Johnson

INTT performance
Presented by Tomoya Kato

Longitudinal Flow-Plane Decorrelation with Multiple-Plane Cumulants from STAR
Presented by Achyut Khanal

Measurement of Di-hadron Azimuthal Correlation Asymmetry Using pp Data at STAR
Presented by Anuja Khanal

Unfolding Jet Spectra in sPHENIX
Presented by Micah Meskowitz

Precision Measurements of Net-proton Number Fluctuations in Au+Au Collisions at RHIC
Presented by Bappaditya Mondal

Performance and Commissioning of sPHENIX MBD Trigger Detector
Presented by Lameck W Mwibanda

pi0 Reconstruction at sPHENIX
Presented by Shelby Pybus

Measurements of Two-Pion Femtoscopy in Au+Au Collisions at $\sqrt{(s\_NN)}$ = 3.0, 3.2, 3.5, and 3.9 GeV from RHIC-STAR
Presented by Youquan Qi

A Herwig7 Underlying Event Tune for RHIC and EIC Energies.
Presented by Umar Sohail Qureshi

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How Not to Measure a False QCD Critical Point
Presented by Zachary Sweger

STAR TPC Space Charge Calibration: Methods and Strategy for Run 22
Presented by Richard Thrutchley

Development of a Tracking Algorithm for sPHENIX-INTT
Presented by Hinako Tsujibata

Implementation of a testing station to characterize photosensors for the proximity-focusing Ring Imaging Cherenkov Detector (pfRICH) for the Electron-Proton/Ion Collider (ePIC) Collaboration
Presented by Daniel Zhang