

STAR Pre-QM2023 Meeting

30 Aug - 1 Sep, 2023

Rice University

Wednesday, August 30

PLENARY-I, WEDNESDAY :: Kyle Morrow Room, 3rd Floor, Fondren Library, Rice University ::

08:30-18:00

08:30-08:40	Welcome	Frank Geurts, Lijuan Ruan
08:40-09:25	New Insights on Spin Alignment in Heavy-Ion Collisions: Measurements of ϕ , ω , ρ^0 , and J/Ψ at STAR	Baoshan Xi
09:25-10:10	Hyperon Polarization in Heavy-Ion Collisions from STAR	Xingrui Guo
10:10-10:55	Strange hadrons production in pp and d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV using the STAR detector	Ishu Aggarwal
10:55-11:10	Coffee	
11:10-11:55	First Order Event Plane Correlated Directed and Triangular Flow in BES-II Au+Au Collisions at STAR	Xiaoyu Liu
11:55-12:40	Exploring electromagnetic field effects and constraining transport parameters of QGP using STAR BES II data	Aditya Prasad Dash
12:40-14:00	Lunch	
14:00-14:45	Measurements of azimuthal anisotropies in O+O and γ +Au collisions from STAR	Shengli Huang
14:45-15:30	Background Control and Upper Limit on the Chiral Magnetic Effect in Isobar Collisions at $\sqrt{s_{NN}} = 200$ GeV from STAR	Yicheng Feng
15:30-16:15	Search for the Chiral Magnetic and Vortical Effects Using Event Shape Variables in Au+Au Collisions at STAR	Zhiwan Xu
16:15-16:30	Coffee	
16:30-18:00	STAR Highlights	Rosi Reed

Thursday, August 31

PLENARY-II, THURSDAY :: Kyle Morrow Room, 3rd Floor, Fondren Library, Rice University :: 08:30-18:00

08:30-09:15	Anisotropic flow of identified particles in Au + Au Collisions at $\sqrt{s_{NN}} = 3.0 - 19.6$ GeV	Zuowen Liu
09:15-10:00	Elliptic and triangular flow of light (anti-)nuclei in Au+Au collisions at BES-II energies using STAR	Rishabh Sharma
10:00-10:45	Light- and Hyper-Nuclei Collectivity in Au+Au Collisions at RHIC	Chengdong Han
10:45-11:00	Coffee	
11:00-11:45	Measurements of p- Λ and d- Λ correlation functions in Au+Au collisions from STAR BES - II	Yu Hu
11:45-12:30	Probing nature of QCD phase transition with higher-order net-proton number fluctuation and local parton density fluctuations	Dylan Neff
12:30-14:00	Lunch	
14:00-14:45	Strangeness production in Au+Au collisions at $\sqrt{s_{NN}} = 19.6, 14.5, 7.7, 200$ GeV from STAR	Yi Fang
14:45-15:30	Particle production in Au+Au collisions at Beam Energy Scan (BES) II energies with STAR at RHIC	Matthew Harasty
15:30-16:15	Thermal dielectron measurement in Au+Au collisions at $\sqrt{s_{NN}} = 7.7, 14.6, 19.6$ GeV with STAR	Yiding Han
16:15-16:30	Coffee	

Thursday, August 31, cont-d

16:30-17:15	Search for baryon junctions in photonuclear processes and heavy-ion collisions at STAR	Chun Yuen Tsang
17:15-18:01	Exclusive J/Ψ Photo-production and Entanglement-Enabled Spin Interference in UPC at STAR	Ashik Iqbal Sheikh

Friday, September 1

PLENARY-III, FRIDAY :: Kyle Morrow Room, 3rd Floor, Fondren Library, Rice University :: 08:30-18:00

08:30-09:15	Measuring medium modification of jets using generalized and differential angularities from STAR Au+Au collisions at 200 GeV	Tanmay Pani
09:15-10:00	Charm Mesons and Charm Meson Tagged Jets at STAR	Yuan Su
10:00-10:45	Beam energy and system size dependence of heavy flavor production at STAR	Yan Wang
10:45-11:00	Coffee	
11:00-11:45	Probing gluon saturation through two-particle correlations at STAR and the EIC	Xiaoxuan Chu
11:45-12:30	Exploring the Spin Structure of the Nucleon at STAR	Ting Lin
12:30-14:00	Lunch	
14:00-14:45	STAR Forward Detector Upgrade Status and Performance	Zhen Wang
14:45-16:15	STAR Highlights - Rehearsal 2	Rosi Reed
16:15-16:30	Coffee	
16:30-17:15	Placeholder for re-rehearsal - I	
17:15-18:00	Placeholder for re-rehearsal - II	

THE END
