

25th International Spin Symposium (SPIN 2023)

Monday, September 25, 2023

3D Structure of the Nucleon: TMDs: TMDs I - Meeting Room 1-2 (2:00 PM - 3:30 PM)

-Conveners: Yoshitaka Hatta

time	[id] title	presenter
2:00 PM	[15] New developments in di-hadron theory and phenomenology	METZ, Andreas
2:25 PM	[51] Measurements of Transverse Spin Dependent $\pi^+\pi^-$ Azimuthal Correlation Asymmetry and Unpolarized $\pi^+\pi^-$ Cross Section in pp Collisions at $\sqrt{s} = 200$ GeV at STAR	POKHREL, Babu
2:40 PM	[94] Transverse Spin Dependent Azimuthal Correlations of Charged Pion Pairs in $p^{\uparrow}p$ collisions at $\sqrt{s} = 510$ GeV at STAR	GHIMIRE, Navagyan
2:55 PM	[187] Top quark polarization and gluon spin and transversity in the nucleon	Prof. GOLDSTEIN, Gary
3:15 PM	[78] Azimuthal transverse single-spin asymmetries of inclusive jets and hadrons within jets from polarized pp collisions at $\sqrt{s} = 510$ GeV	ZHANG, Yixin

3D Structure of the Nucleon: TMDs: TMDs II - Meeting Room 1-2 (4:00 PM - 5:35 PM)

-Conveners: Andreas Metz

time	[id] title	presenter
4:00 PM	[37] Semi-inclusive diffractive deep inelastic scattering at small-x	HATTA, Yoshitaka
4:25 PM	[209] Production of Polarized J/ψ in NRQCD	COPELAND, Marston
4:45 PM	[35] Transverse Single Spin Asymmetry for Inclusive and Diffractive Electromagnetic Jets at Forward Rapidity in $p^{\uparrow}p$ Collisions at $\sqrt{s} = 200$ GeV and 510 GeV at STAR	LIANG, Xilin
5:00 PM	[85] Transverse Single-Spin Asymmetries of Midrapidity π^0 and η mesons in 200 GeV $p^{\uparrow} + Au$ and $p^{\uparrow} + Al$ Collisions at PHENIX	FITZGERALD, Dillon
5:15 PM	[97] Transverse Single Spin Asymmetries of hadrons at forward and backward rapidities from $p^{\uparrow}+p$, $p^{\uparrow}+\mathrm{Al}$, and $p^{\uparrow}+\mathrm{Au}$ collisions in PHENIX	BOK, Jeongsu

Tuesday, September 26, 2023

3D Structure of the Nucleon: TMDs: TMDs III - Meeting Room 1-2 (9:00 AM - 10:30 AM)

-Conveners: Andrea Signori

time	[id] title	presenter
9:00 AM	[125] Longitudinal spin transfer of semi-inclusive Λ production in deep inelastic scattering	Dr ZHAO, Xiaoyan
9:15 AM	[59] Hyperon polarization in SIDIS: Matching between TMD and twist-3 factorizations	IKARASHI, Riku
9:30 AM	[33] Measurement of transverse polarization of Λ in pp collision at STAR	GAO, Taoya
9:45 AM	[36] Measurement of Λ -hyperon spin-spin correlations in $p+p$ collisions at $\sqrt{s} = 200$ and $510 \sqrt{\text{GeV}}$ by the STAR experiment	VANEK, Jan
10:00 AM	[52] Longitudinal and Transverse Spin Transfer of Λ and $\overline{\Lambda}$ Hyperons in Polarized $p+p$ Collisions at $\sqrt{s} = 200$ GeV at STAR	Prof. XU, Qinghua
10:15 AM	[194] Longitudinal Spin Transfer to Λ Hyperons with CLAS12	MCENEANEY, Matthew

3D Structure of the Nucleon: TMDs: TMDs IV - Meeting Room 1-2 (11:00 AM - 12:30 PM)

-Conveners: Leonard Gamberg

time	[id] title	presenter
11:00 AM	[203] Recent results on TMD extractions from the MAP Collaboration	BACCHETTA, Alessandro
11:25 AM	[199] Tomography of pions and protons from transverse momentum dependent distributions	BARRY, Patrick
11:50 AM	[38] Proton 3D reconstruction with time-reversal odd TMD gluon densities	CELIBERTO, Francesco Giovanni
12:10 PM	[66] Modeling and simulation of quark spin effects in electron-positron annihilation to hadrons	KERBIZI, Albi

3D Structure of the Nucleon: TMDs: TMDs V - Meeting Room 1-2 (2:00 PM - 3:30 PM)

-Conveners: Michael Engelhardt

time	[id] title	presenter
2:00 PM	[67] Transverse Momentum Dependent Factorization at NLP	TERRY, John
2:25 PM	[153] Transverse-momentum-dependent factorization at next-to-leading power	GAMBERG, Leonard
2:45 PM	[105] Unpolarised Semi-Inclusive DIS at COMPASS	MATOUŠEK, Jan
3:00 PM	[118] Current status of the neutral pion multiplicity studies at CLAS12.	SCOTT, Marshall
3:15 PM	[132] Exploring fracture functions with semi-inclusive target- and double-spin asymmetries in the target fragmentation region with CLAS12	HAYWARD, Timothy

3D Structure of the Nucleon: TMDs: TMDs VI - Meeting Room 1-2 (4:00 PM - 5:45 PM)

-Conveners: Alessandro Bacchetta

time	[id] title	presenter
4:00 PM	[57] TMD phenomenology with the HSO approach	RAINALDI, Tommaso
4:25 PM	[179] The many roles of triplet P zero quark antiquark pairs in nonperturbative QCD	SIVERS, Dennis
4:45 PM	[165] Quark orbital angular momentum in the proton from a twist-3 generalized parton distribution	ENGELHARDT, Michael
5:05 PM	[3] Nucleon Energy-Energy Correlator in Lepton-Ion Collisions	CAO, Haotian
5:30 PM	[288] Polarized jet anisotropy at the future Electron-Ion Collider	Dr ZHAO, Fanyi

Wednesday, September 27, 2023

3D Structure of the Nucleon: TMDs: TMDs VII - Meeting Room 1-2 (9:00 AM - 10:35 AM)

-Conveners: Tommaso Rainaldi

time	[id] title	presenter
9:00 AM	[96] New measurements of transverse spin asymmetries at COMPASS	MARTIN, Anna
9:25 AM	[76] Angular distribution measurements in the Drell-Yan process at the SeaQuest experiment	JI, Zhaohuizi
9:45 AM	[126] The Sivers asymmetry of vector meson production in semi-inclusive deep inelastic scattering	DENG, Yongjie
10:00 AM	[82] An extraction of the Sivers, and the Boer-Mulders functions in SU(3) with DNNs	FERNANDO, Ishara
10:15 AM	[93] Deep Neural Network-Based Reconstruction to extract unpolarized Drell-Yan Asymmetries and the Boer-Mulders Function from SeaQuest E906 Data	CONOVER, Arthur

3D Structure of the Nucleon: TMDs: TMDs VIII - Meeting Room 1-2 (11:00 AM - 12:35 PM)

-Conveners: Daniel Pitonyak

time	[id] title	presenter
11:00 AM	[244] Nuclear modified transverse momentum distribution functions	ALRASHED, Mishary
11:25 AM	[95] Drell-Yan cross-section measurement at COMPASS	ANDRIEUX, Vincent
11:45 AM	[138] Measurement of the transverse single spin asymmetry for forward neutron production in a wide transverse momentum range	KIM, Minho
12:00 PM	[45] Studying the Lund Jet Plane at LHCb	CHAHROUR, Ibrahim
12:15 PM	[133] Production of spin-3/2 hadrons in e^+e^- annihilation and SIDIS	ZHAO, Jing