

DIS2023: XXX International Workshop on Deep-Inelastic Scattering and Related Subjects

Tuesday 28 March 2023

WG5: Spin and 3D Structure 1 - 105AB (09:00 - 12:30)

-Conveners: Shohini Bhattacharya; Marie Boer; Caroline Kathrin Riedl; Jakub Wagner; James Drachenberg

time	[id] title	presenter
09:00	[209] Spin Density Matrix Elements in hard exclusive light vector meson muoproduction at COMPASS	ANDRIEUX, Vincent
09:20	[99] Small-x evolution of the gluon GPD E	HATTA, Yoshitaka
09:40	[111] Quarkonia pair production as a tool for study of gluon GPDs	SIDDIKOV, Marat
10:00	[286] Generalized parton distributions through universal moment parameterization: gluons at non zero skewness	SANTIAGO, M Gabriel
10:20	Coffee break	
10:50	[205] Deeply Virtual Compton Scattering and Hard Exclusive pi0 Muoproduction at COMPASS	KOVAL, Anatolii
11:10	[55] Unraveling anomalies in Deep Virtual Compton Scattering	BHATTACHARYA, Shohini
11:30	[151] Frame-independent methods to access GPDs from lattice QCD	CONSTANTINO, Martha
11:50	[138] Moments of nucleon generalized parton distributions from the leading-twist expansion of the quasi-GPD matrix element	GAO, Xiang
12:10	[179] Deeply-virtual and photoproduction of pseudoscalar mesons at higher-order and higher-twist	PASSEK-KUMERIČKI, Kornelija

WG5: Spin and 3D Structure 2 - 105AB (14:00 - 18:30)

-Conveners: Kornelija Passek-Kumerički; Martha Constantinou; James Drachenberg; Caroline Kathrin Riedl; Jakub Wagner

time	[id] title	presenter
14:00	[101] Generalized Parton Distributions in a multichannel experimental approach	BOER, Marie
14:20	[110] GUMP program for GPD global analysis	GUO, Yuxun GUO, Yuxun
14:40	[251] Reconstructing Information in Deeply Virtual Exclusive Processes	KRIESTEN, Brandon
15:00	[285] A framework for the analysis of deeply virtual exclusive experiments from fixed target to collider settings	Prof. SIMONETTA, Liuti
15:20	[295] The Correlated Spatial Structure of the Proton: Two-body densities as a framework for dynamical imaging	PANJSHEERI, Zaki
15:40	[231] Single diffractive hard exclusive processes for the study of generalized parton distributions	YU, Zhite
16:00	Coffee break	
16:30	[147] Transverse Single Spin Asymmetries of charged hadrons at forward and backward rapidity from $p^{\uparrow}+p$, $p^{\uparrow}+\mathrm{Al}$, and $p^{\uparrow}+\mathrm{Au}$ collisions in PHENIX	BOK, Jeongsu

16:50	[81] 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
17:10	[164] Transverse single spin asymmetry for very forward neutron production in polarized $p+p$ collisions at $\sqrt{s} = 510$ GeV	Dr KIM, Minho
17:30	[197] A model for pion collinear parton distribution function and form factor.	VENTURINI, Simone
17:50	[294] Twist-four gravitational form factor $\bar{C}_{\{q,g\}}$ at NNLO QCD from trace anomaly constraints	TANAKA, Kazuhiro
18:10	[236] Proton Spin Polarizabilities in the Strong QCD Regime	RUTH, David

Wednesday 29 March 2023

WG5: Spin and 3D Structure 3 - 105AB (09:00 - 12:30)

-Conveners: Jakub Wagner; James Drachenberg; Caroline Kathrin Riedl

time	[id] title	presenter
09:00	[71] Precision Measurement of the Longitudinal Double-Spin Asymmetry for Dijet Production at Intermediate Pseudorapidity in Polarized Proton+Proton Collisions at 200 GeV	CHANG, Zilong
09:20	[178] Recent longitudinal spin asymmetry and cross section results at PHENIX	LOOMIS, Devon
09:40	[208] Exploring the gluon polarization using inclusive jet and dijet production in polarized proton-proton collisions at $\sqrt{s}=510\sqrt{2}$ GeV at RHIC	Prof. SURROW, Bernd
10:00	[289] Hadronization dynamics from the spectral representation of the gauge invariant quark propagator	S. R. COSTA, Caroline
10:20	Coffee break	
10:50	[79] Measurement of Λ -hyperon spin correlation in p+p collisions by the STAR experiment	VANEK, Jan
11:10	[118] Transverse Λ and $\bar{\Lambda}$ Hyperon Polarization Measurements at LHCb	NUNEZ, Cynthia
11:30	[188] Heavy flavor hadron polarization and nonperturbative QCD in spin-directed momentum transfer	GOLDSTEIN, Gary R
11:50	[234] Spin Transfer to Lambda Hyperons at CLAS12	MCENEANEY, Matthew
12:10	[14] Axial-vector form factors of the light, singly and doubly charmed baryons in the chiral quark constituent model	Dr DAHIYA, Harleen

Thursday 30 March 2023

WG5: Spin and 3D Structure 4 - 105AB (09:00 - 12:30)

-Conveners: Jakub Wagner; Caroline Kathrin Riedl; James Drachenberg; Jakub Wagner

time	[id] title	presenter
09:20	[172] Study of the nucleon structure in Semi-Inclusive DIS off (un)polarized targets at COMPASS	RIEDL, Caroline Kathrin
09:40	[7] TMDs and hadron structure from low to high transverse momentum	ROGERS, Ted
10:00	[174] Collins-type Energy-Energy Correlators and Nucleon Structures	ZHAO, Fanyi
10:20	Coffee break	
10:50	[182] On the evidence for different widths of pion and proton transverse momentum distributions	BARRY, Patrick
11:10	[228] Results from (un)polarised Drell-Yan measurements at COMPASS	ANDRIEUX, Vincent
11:30	[235] Angular distribution measurement of proton-induced Drell-Yan process by the SeaQuest experiment at Fermilab	Dr NAGAI, Kei
11:50	[237] Polarized Drell-Yan experiment SpinQuest at Fermilab	Dr NAGAI, Kei
12:10	[139] Transverse Single-Spin Asymmetry of Midrapidity π^0 and η mesons in 200 GeV $p^{\uparrow} + Au$ and $p^{\uparrow} + Al$ Collisions at PHENIX	FITZGERALD, Dillon Scott

WG5: Spin and 3D Structure 5 - 105AB (14:00 - 18:10)

-Conveners: Caroline Kathrin Riedl; Jakub Wagner; James Drachenberg

time	[id] title	presenter
14:00	[21] Definition and Evolution of Di-Hadron Fragmentation Functions	METZ, Andreas
14:20	[22] Simultaneous Global Analysis of Di-Hadron Fragmentation Functions and Transversity PDFs	COCUZZA, Christopher
14:40	[89] 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
15:00	[94] Transverse Spin Dependent Azimuthal Correlations of Charged Pion Pairs in $p^{\uparrow}p$ collisions at $\sqrt{s} = 510$ GeV at STAR	GHIMIRE, Navagyan
15:20	[150] Fragmentation Function Measurements at Belle	PARHAM, Katherine
15:40	[117] Studying Transverse-Momentum-Dependent Fragmentation at LHCb	LEE, Sook Hyun LEE, sookhyun
16:00	Coffee break	
16:30	[239] TMDs global extractions by the MAP Collaboration	CERUTTI, Matteo
16:50	[152] A modern extraction of Sivers functions	FERNANDO, Ishara
17:10	[144] 3D Imaging of the Nucleon in Lattice QCD	ZHAO, Yong
17:30	[135] TMD Factorization and Resummation at Sub-leading Power	TERRY, John
17:50	[83] Analysis of the higher twist GTMD F_{31} for proton in the light-front quark-diquark model.	Dr DAHIYA, Harleen