

DIS2022: XXIX International Workshop on Deep-Inelastic Scattering and Related Subjects

Tuesday 3 May 2022

WG5: Spin and 3D Structure: Session 1 (09:20 - 19:10)

-Conveners: yoshitaka hatta; Qinghua Xu; Yoshiyuki Miyachi

time	[id] title	presenter
09:20	[143] Unpolarised Semi-Inclusive DIS at COMPASS	MATOUSEK, Jan
09:40	[338] Global extraction of unpolarized quark TMDs at N3LL	CERUTTI, Matteo
10:00	[422] Simultaneous extraction of collinear and transverse momentum dependent parton densities using high energy Drell-Yan data	BARRY, Patrick
10:20	[431] Thrust resummation and rapidity divergencies	SIMONELLI, Andrea
10:40	[487] Machine learning-assisted measurement of multi-differential lepton-jet correlations in deep-inelastic scattering with the H1 detector	ARRATIA, Miguel
11:00	Coffee break	
11:30	[210] Measurement of target transverse-spin-dependent azimuthal asymmetries in SIDIS at COMPASS	Dr PARSAMYAN, Bakur
11:50	[108] Collins and Sivers asymmetries in inclusive p_0 production from COMPASS	PARSAMYAN, Bakur
12:10	[8] Single spin asymmetry at two loops in SIDIS	KAUSHIK, ABHIRAM
12:30	[218] Transverse Single-Spin Asymmetry of Midrapidity Heavy Flavor Electrons in 200 GeV $p^{\uparrow}+p$ Collisions at PHENIX	FITZGERALD, Dillon Scott
12:50	[306] Transverse Spin Dependent Azimuthal Correlations of Charged Pion Pairs in $p^{\uparrow}p$ collisions at $\sqrt{s} = 200$ and $\sqrt{s} = 510$ GeV at STAR	GHIMIRE, Navagyan
13:10	Lunch	
15:00	[202] New DVCS results with CLAS12 at 10.6 GeV	Dr DEFURNE, maxime
15:20	[205] Deeply Virtual Compton Scattering at COMPASS	GIARRA, Johannes Vincenzo
15:40	[181] Two loop corrections to the flavor-singlet vector coefficient function of DVCS	SCHÖNLEBER, Jakob
16:00	[343] Phenomenology of diphoton photoproduction at next to leading order	GROCHOLSKI, Oskar
16:20	[248] Artificial neural network modelling of generalised parton distributions	SZNAJDER, Paweł
16:40	Coffee break	
17:10	[327] Proton mass decomposition in QCD	METZ, Andreas
17:30	[329] Constraining the Proton's Gluon Helicity Distribution with Inclusive Jet and Dijet Measurements at STAR	WISSINK, Scott
17:50	[489] Constraining gluon helicity distributions in proton	ZHOU, Yiyu
18:10	[192] First analysis of world polarized SIDIS data with small- x helicity evolution	ADAMIAK, Daniel
18:30	[375] Precision Measurement of the Neutron Asymmetry A_{1n} at Large Bjorken x at 12 GeV Jefferson Lab	CHEN, Mingyu

Wednesday 4 May 2022

WG5: Spin and 3D Structure: Session 2 (08:40 - 19:10)

-Conveners: Yoshiyuki Miyachi; Qinghua Xu; yoshitaka hatta

time	[id] title	presenter
09:20	[166] Measurement of target spin (in)dependent asymmetries in dimuon production in pion-nucleon collisions at COMPASS	Dr PARSAMYAN, Bakur
09:40	[132] Observation of azimuthal angular decorrelation in dijet photoproduction in ultraperipheral lead-lead collisions at 5.02 TeV with the CMS experiment	MURRAY, Michael
10:00	[154] Modified TMD Factorization and Sub-leading Power Corrections	LEAL GÓMEZ, Sergio
10:20	[43] Power corrections in semi-inclusive DIS	VLADIMIROV, Alexey
10:40	[339] Phenomenology of gluon TMDs from $\eta_{b,c}$ production	CELIBERTO, Francesco Giovanni
11:00	Coffee break	
11:30	[164] Measurement of Direct Photon Cross Section and Double Helicity Asymmetry at $\sqrt{s} = 510$ GeV in $\vec{p}+\vec{p}$ Collisions at PHENIX	Dr Ji, Zhongling
11:50	[38] Observable for gluon orbital angular momentum	BHATTACHARYA, Shohini
12:10	[303] Illuminating the nucleon spin	ECHEVARRIA, Miguel
12:30	[349] Proton spin, topology and confinement: lessons from QCD.	FRENKLAKH, David
12:50	[509] Phenomenological analysis of the scalar PDF.	COURTOY, Aurore
13:10	Lunch	
15:00	[426] Deeply virtual Compton scattering cross sections at high Bjorken x	HYDE, Charles
15:20	[491] Timelike Compton Scattering at ATHENA and the Electron-Ion Collider	SOKHAN, Daria
15:40	[222] Recoil proton polarization as a window to Compton Form Factor E in a DVCS measurement	BESSIDSKAIA BYLUND, Olga
16:00	[391] Exclusive massive photon-pair production in pion-nucleon collisions for extracting generalized parton distributions	YU, Zhite
16:20	[438] Kinematical higher twist corrections in $\gamma^* + \gamma \rightarrow M_1 + M_2$	SONG, Qintao
16:40	Coffee break	
17:10	[346] Renormalization of collinear and TMD parton densities	Dr ROGERS, Ted
17:30	[373] Jet azimuthal anisotropy in ep collisions	ZHAO, Fanyi
17:50	[488] Independent amplitudes in the quark and antiquark correlators and TMDs in the covariant parton model	ASLAN, Fatma Pinar
18:10	[490] EpIC: a Monte Carlo generator for exclusive processes	TEZGIN, Kemal
18:30	[72] 3D EMT distributions as an Abel image of 2D EMT distributions on the light front	CHOUDHARY, POONAM
18:50	[177] Hard exclusive $\pi^-\Delta^{++}$ production off the proton with CLAS12 at JLAB	Dr DIEHL, Stefan

Thursday 5 May 2022

WG5: Spin and 3D Structure: Session 3 (08:10 - 15:50)

-Conveners: Yoshiyuki Miyachi; yoshitaka hatta; Qinghua Xu

time	[id] title	presenter
09:00	[286] Measurement of angular distribution of Drell-Yan dimuons by the SeaQuest experiment at Fermilab	Dr NAGAI, Kei
09:20	[144] TMDs, PDFs, and multiparton distributions of spin-1 hadrons and their relations	KUMANO, Shunzo
09:40	[355] The azimuthal asymmetries in ρ^0 production in ultraperipheral heavy ion collisions	Dr ZHOU, Yajin
10:00	[237] Jet-axis probe of the TMD PDFs and phenomenology of time-reversal-odd jet function	LAI, Wai Kin
10:20	[492] $\cos^2\phi$ azimuthal asymmetry in back-to-back J/ψ and jet production at the EIC	Mr PAWAR, Amol
10:40	[510] Azimuthal Transverse Single-Spin Asymmetries of Inclusive Jets and Identified Hadrons Within Jets in Polarized pp Collisions at $\sqrt{s} = 200$ GeV	LIN, Ting
11:00	Coffee break	
11:30	[139] Transverse Single Spin Asymmetry for Inclusive and Diffractive Electromagnetic Jets at Forward Rapidities in $p+p$ Collisions at $\sqrt{s} = 200$ GeV and 510 GeV at STAR	LIANG, Xilin
11:50	[204] Measurement of longitudinal spin transfer of $\Lambda(\bar{\Lambda})$ hyperon in polarized $p+p$ collisions at $\sqrt{s}=200$ GeV at RHIC-STAR	Mr YU, Yi
12:10	[311] Measurement of transverse polarization for Λ production in pp collisions at STAR	GAO, Taoya
12:30	[49] Longitudinal and transverse polarizations of Λ hyperon in unpolarized SIDIS and e^+e^- annihilation	Prof. SONG, Yukun
12:50	[236] Forward neutron single spin asymmetries in proton-proton and proton-nucleus collisions	SEIDL, Ralf
13:10	[247] Transverse single spin asymmetry measurement for very forward neutron production at the RHIC experiment	Dr MINHO, Kim