



# PANIC2021 Conference

## Sunday, 5 September 2021

### QCD, spin physics and chiral dynamics (13:00 - 18:03)

-Conveners: Miguel Echevarria; Catarina Quintans; Salvatore Fazio

time	[id] title	presenter
13:00	[77] The structure of the proton at 1% precision: NNPDF4.0	ROJO, Juan
13:15	[400] Exclusive cross section measurements at COMPASS	LIN, Po-Ju
13:33	[350] Angular dependence and target-spin dependent asymmetries in pion-induced collisions at the COMPASS experiment	TOWNSEND, April
13:48	[172] Overview of recent HERMES results on transverse-momentum dependent spin asymmetries	DIEFENTHALER, Markus
14:03	[455] Deeply Virtual Compton Scattering off the Neutron with CLAS12 at Jefferson Lab	HOBART, Adam CHATAGNON, Pierre
14:18	[290] First-time observation of Timelike Compton Scattering, with the CLAS12 detector	CHATAGNON, Pierre
14:33	[497] Charged-averaged elastic lepton-proton scattering cross section results from OLYMPUS	SCHMIDT, Axel
14:48	Break	
14:58	[183] Global Analysis of SSAs from Current and Future Data	PITONYAK, Daniel
15:13	[309] Helicity Evolution at Small x: the Single-Logarithmic Contribution	TAWABUTR, Yossathorn
15:28	[187] First analysis of world polarized DIS data with small- $x$ helicity evolution	ADAMIAK, Daniel
15:43	[225] Simultaneous Extraction of Spin-Averaged and Helicity Light Quark Sea Asymmetries	COCUZZA, Christopher
15:58	[209] Understanding the large transverse momenta in SIDIS	ANGELINI, Giovanni
16:13	Break	
16:23	[282] Back-to-back di- $\pi^0$ correlations at STAR	CHU, Xiaoxuan
16:38	[333] Transverse single-spin asymmetries and cross section of weak bosons in $p+p$ collisions at $\sqrt{s} = 510$ GeV	EYSER, Oleg
16:56	[516] Recent Spin Results at PHENIX	PATEL, Milap
17:11	[352] Measurements of jet substructure in proton-proton collisions with ALICE	CRUZ TORRES, Reynier
17:26	[291] Searches for Chiral Magnetic Effect and Chiral Magnetic Wave in Xe-Xe and Pb-Pb collisions with ALICE	DANU, Andrea
17:44	[526] ATLAS results on charmonium production and $B_c$ production and decays	TURCHIKHIN, Semen

# Wednesday, 8 September 2021

## QCD, spin physics and chiral dynamics (13:00 - 18:00)

-Conveners: Miguel Echevarria; Salvatore Fazio; Catarina Quintans

time	[id] title	presenter
13:00	[124] Gauge-invariant TMD factorization for Drell-Yan hadronic tensor at small $Q^2$ .	Prof. BALITSKY, Ian
13:15	[329] TMD cross-section factorization for dijet production at the EIC	FERNÁNDEZ DEL CASTILLO, Rafael
13:30	[379] A model calculation of T-odd gluon TMD distributions at twist-2	CELIBERTO, Francesco Giovanni
13:45	[267] Extraction of the worm-gear TMD $g_{1T}$ from COMPASS, HERMES and JLab data on semi-inclusive DIS	BHATTACHARYA, Shohini
14:00	[318] Twist-3 gluon fragmentation contribution to transversely polarized hyperon production in semi-inclusive deep-inelastic scattering	IKARASHI, Riku Mr TAKADA, Kazuki
14:18	[322] Explicit renormalization of the nucleon-nucleon interaction in chiral EFT with a finite cutoff	GASPARYAN, Ashot
14:33	Break	
14:43	[74] Measurement of charged particle multiplicity distributions in DIS at HERA and its implication to entanglement entropy of partons	SCHMITT, Stefan
14:58	[160] Measurement of Lepton-Jet Azimuthal Decorrelations and of the 1-Jettiness event shape at High $Q^2$ using the H1 detector	LEE, Sookhyun
15:16	[305] Measurements of the R value at BESIII	PING, Rong-Gang
15:31	[307] Recent result of nucleon time-like form factors at BESIII	WANG, Yadi
15:46	[70] Spin Physics Detector project at JINR	GUSKOV, Alexey
16:01	[90] The LHCspin project	DI NEZZA, Pasquale
16:16	[249] Study of the nucleon structure with the PANDA experiment at FAIR	Dr DBEYSSI, Alaa
16:31	Break	
16:41	[194] GPDs of sea quarks in the proton from nonlocal chiral effective theory	HE, Fangcheng
16:56	[403] Effect of the pion field on the distributions of pressure and shear in the proton (NO SHOW UP)	Mr OWA, Shiryo
17:11	[250] Analysis of isospin symmetry for fragmentation functions	CHEN, Kai-bao
17:26	[429] The chiral anomaly and axion-like dynamic in polarized DIS	TARASOV, Andrey
17:41	[479] Gravitational form factors on the lattice	Dr HACKETT, Daniel