

Session Program

4-8 May 2026



33rd International Workshop on Deep Inelastic Scattering and Related Subjects (DIS2026)

WG5 Spin and 3D-structure

Hotel Carlton
via Milazzo 6, Bologna, Italy

Tuesday 5 May

09:00

WG5 Spin and 3D-structure

Session | Location: Hotel Carlton, Sala IMPERIALE B. | Convener: Matteo Cerutti

09:00-09:20

Recent results on transverse-momentum-dependent distributions from the MAP collaboration

Speaker

Alessandro Bacchetta

09:20-09:40

Phenomenological estimate for the longitudinal structure function in SIDIS

Speaker

Richard Whitehill

09:40-10:00

A Bayesian Pixel Based Approach for Model Independent TMD Reconstruction

Speaker

Marco Zaccheddu

10:00-10:20

COMPASS contribution to the study of the three-dimensional structure of the nucleon in SIDIS

Speaker

Anna Martin

10:20-10:40

SIDIS studies at ePIC

Speaker

Susanna Costanza

10:45

11:15

WG5 Spin and 3D-structure

Session | Location: Hotel Carlton, Sala IMPERIALE B. | Convener: Tyler Kutz

11:15-11:35

Exclusive electroproduction of dijets

Speaker

ZHUOYI PANG

11:35-11:55

Deeply virtual neutral pion electroproduction

Speaker

Igor Korover

11:55-12:15

Measurement of the hard exclusive neutral pion muoproduction cross section at COMPASS

Speaker

Po-Ju Lin

	<p>12:15-12:35</p> <p>Measurement of Deeply Virtual Compton Scattering with the Neutral Particle Spectrometer in Hall C at JLab</p> <p>Speaker Hao Huang</p>
	<p>12:35-12:43 DVCS Cross Section Measurements at COMPASS</p> <p>Speaker Gursimran Kainth</p>
<p>13:00</p>	<p>12:45-12:53</p> <p>Spin Density Matrix Elements in Exclusive Muoproduction of ϕ Mesons at COMPASS</p> <p>Speaker Kamil Augsten</p>
<p>14:30</p>	<p>WG5 Spin and 3D-structure Session Location: Hotel Carlton, Sala IMPERIALE B. Convener: Matteo Cerutti</p> <p>14:30-14:50 Learning GPDs from Lattice QCD</p> <p>Speaker Huey-Wen Lin</p> <p>14:50-15:10</p> <p>Neural Network Representation of Generalized Parton Distributions (NNGPD)</p> <p>Speaker Simonetta Liuti</p> <p>15:10-15:30 The Proton Energy Correlator</p> <p>Speaker Yu Jiao Zhu</p> <p>15:30-15:50</p> <p>Pion and nucleon relativistic angular momentum and boost distribution</p> <p>Speaker Ravi Singh</p>
<p>16:00</p> <p>16:30</p>	<p>WG5 Spin and 3D-structure Session Location: Hotel Carlton, Sala IMPERIALE B. Convener: Jan Matousek</p> <p>16:30-16:50 Nucleon Tomography with 0-jettiness</p> <p>Speaker Shuo lin</p> <p>16:50-17:10</p> <p>Collins effect in pion-in-jet production in polarized pp and ep collisions</p> <p>Speaker Carlo Flore</p>

17:10-17:30

Transverse momentum and azimuthal angle distributions of hadrons in DIS at COMPASS**Speaker**

Vendula Benešová

17:30-17:50

Testing Factorization and Universality of the Collins Asymmetry with $p^{\uparrow}+Au$ Collisions at STAR**Speaker**

Bassam Aboona

17:50-18:10

Dijet probes for initial state effects in p+A collisions at ATLAS**Speaker**

Patrik Novotný

18:20

Wednesday 6 May

09:00

WG5 Spin and 3D-structure

Session | Location: Hotel Carlton, Sala IMPERIALE B. | Convener: Jan Matousek

09:00–09:20 **Di-hadron fragmentation Functions beyond LO**

Speaker

Luca Polano

09:20–09:40 **Experimental Results on Di-Hadron Production**

Speaker

Nilanga Wickramaarachchi

09:40–10:00

Dependence of Transverse Single Spin Asymmetry on Number of Electromagnetic Contributors in a Jet

Speaker

David Kapukchyan

10:00–10:08 **Quark and gluon Sivers function in dijets at the EIC**

Speaker

Patricia Andrea Gutierrez Garcia

10:10–10:30

Tensor Polarization effects in Deep Inelastic Scattering off Spin-1 Target

Speaker

Jing Zhao

10:30

11:00

WG5 Spin and 3D-structure

Session | Location: Hotel Carlton, Sala IMPERIALE B. | Convener: Matteo Cerutti

11:00–11:20

Tensor-polarized twist-3 distribution function f_{LT} of spin-1 deuteron

Speaker

Kenshi Kuroki

11:20–11:40

Coherent deeply virtual Compton scattering on Helium-4 beyond leading twist approximation.

Speaker

Jakub Wagner

11:40–12:00 **Resummed Power Corrections in Nuclear DVCS**

Speaker

Ivan Vitev

12:00–12:20 **Accessing GPDs via Deeply Virtual Exclusive Processes at CLAS12**

Speaker
Story Frantzen

12:20-12:40

First measurement of the DVCS beam spin asymmetry in the Sullivan process

Speaker
Elouan Ferrand

12:40-13:00

Probing Nucleon GPDs at CLAS12: Neutron DVCS and Λ Transverse Polarization

Speaker
Li XU

13:00

14:30

WG5 Spin and 3D-structure

Session | Location: Hotel Carlton, Sala IMPERIALE B. | Convener: Tyler Kutz

14:30-14:50

Precise measurement of the neutron d_2

Speaker
Minho Kim

14:50-15:10

Projected High Precision Measurements on the Spin Structure g_1 for the Proton and the Neutron at EIC

Speaker
Win Lin

15:10-15:30

Global QCD analysis of spin PDFs in the proton with high- x and lattice constraints

Speaker
Wally Melnitchouk

15:30-15:50

Accessing nucleon transversity with one-point energy correlators

Speaker
Wanchen Li

15:50-16:10

Polarized Scattering at NLO+PS Accuracy in the POWHEG BOX

Speaker
Ignacio Borsa

16:15

16:45

WG5 Spin and 3D-structure

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16:45-17:05

PHENIX-Spin Highlights and Recent Results

Speaker
Alexander Bazilevsky

17:05-17:25

sPHENIX Measurement of Neutral Meson, Photon and inclusive Jet Transverse Single Spin Asymmetries

Speaker

Ralf Seidl

17:25-17:45

Extraction of genuine twist-3 distribution from data

Speaker

Alexey Vladimirov

17:45-18:05

Probing the Eikonal Spin-Dependent Odderon: Challenges and Opportunities for the gluon Sivers function

Speaker

Florian Hechenberger

18:05-18:13

Matching relations for gluon TMDs up to one-loop accuracy

Speaker

Alessio Carmelo Alvaro

18:15

Thursday 7 May

09:00

WG5 Spin and 3D-structure

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09:00–09:20

Update on transverse-spin azimuthal asymmetries in single-hadron SIDIS on transversely polarised deuterons at COMPASS

Speaker

Artur Hoguevrttsyan

09:20–09:28

Update of transverse-spin azimuthal asymmetries for K^0 production in SIDIS

Speaker

Siranush Asatryan

09:30–09:50

Exploring the Deep Infrared Behavior of QCD through Transverse Momentum Dependent Distributions

Speaker

Andrea Simonelli

09:50–10:10

The Drell-Yan structure functions in k_T factorization

Speaker

Jan Ferdyan

10:10–10:30

Low-invariant-mass Drell-Yan transverse-momentum spectra: resummation and non-perturbative effects

Speaker

Lorenzo Rossi

10:30–10:50

TMD evolution and intrinsic transverse momentum in Monte Carlo generators

Speaker

Louis Moureaux

10:50

11:15

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11:15–11:35

Transverse Spin Dependent Azimuthal Correlations of Charged hadron pairs in $p^{\uparrow} p$ Collisions at $\sqrt{s} = 200$ GeV at STAR

Speaker

Mrs Anuja khalal

11:35–11:55

Measurement of Lambda hyperons spin correlation in pp and pPb collisions at CMS

Speaker
Jieke Wang

11:55-12:15 **Hyperon polarization in deep inelastic scattering**

Speaker
Albi Kerbizi

12:15-12:35

Probing the hadronization of polarized parton at unpolarized hadron colliders

Speaker
Wen-Hao Yao

12:35-12:55

Spin-Spin entanglement in exclusive heavy quark-antiquark pair production

Speaker
Michael Fucilla

13:00