

Session Program

25-30 Sept 2016



22nd International Spin Symposium

TMDs

iHotel Conference Center , General
1900 South First Street Champaign, IL 61820 USA

Sunday 25 September

11:05

TMDs: Parallel I

Session | Location: Alma Mater | Convener: Andreas Metz

11:05-11:30 **Overview on TMDs**

Speaker
Mauro Anselmino

11:30-11:55 **Overview on gluon TMDs**

Speaker
Marc Schlegel

11:55-12:20

Transverse single-spin asymmetries for gauge boson production at RHIC

Speaker
Akio Ogawa

12:20-12:45

Polarized Drell-Yan at the COMPASS experiment: transverse spin physics program

Speaker
Bakur Parsamyan

12:45-13:10

TMDs from precision spectrometer experiments in Jlab Halls A and C: Existing results and outlook

Speaker
Andrew Puckett

13:10

14:30

TMDs: Parallel II

Session | Location: Illinois Ballroom A | Convener: Yoshitaka Hatta

14:30-14:55 **Combining TMD factorization and collinear factorization**

Speaker
John Collins

14:55-15:20 **Phenomenology of TMD evolution: recent progress**

Speaker
Dr Zhongbo Kang

15:20-15:40 **TMDs: entering the precision era**

Speaker
Miguel G. Echevarría

15:40-16:00

Recent and future measurements of transverse momentum distributions in SIDIS

Speaker
Nour Makke

16:20

16:00-16:20 Extraction of unpolarized TMDs

Speaker
Filippo Delcarro

16:40

TMDs: Parallel III

Session | **Location:** Illinois Ballroom A | **Convener:** Marco Contalbrigo

16:40-17:05 2+1d Imaging the momentum structure of nucleons at an EIC

Speaker
Elke-Caroline Aschenauer

17:05-17:30 COMPASS measurement of the P_T weighted Sivvers asymmetry

Speaker
Franco Bradamante

17:30-17:55

New pole contribution to Ph_{\perp} -weighted single-transverse spin asymmetry in semi-inclusive deep inelastic scattering

Speaker
Shinsuke Yoshida

17:55-18:10 A direct extraction of the Sivvers function from SIDIS data

Speaker
Anna Martin

18:10-18:25

The measurement of the gluon Sivvers asymmetries in COMPASS at CERN

Speaker
Luis Silva

18:25-18:40

Target longitudinal spin dependent single-hadron asymmetries in SIDIS at COMPASS

Speaker
Bakur Parsamyan

18:40-18:55

Azimuthal asymmetries in SIDIS di-hadron muoproduction off longitudinally polarized protons at COMPASS

Speaker
Stefan Sirtl

18:55

Monday 26 September

09:00

TMDs: Parallel IV

Session | Location: Illinois Ballroom A | Convener: Akio Ogawa

09:00–09:25

Di-hadron production in proton-proton collisions and the universality of the transversity distribution

Speaker

Marco Radici

09:25–09:50

Illuminating QCD and Nucleon Structure Through the Study of Hadrons Within Jets and Dihadron Correlations at RHIC

Speaker

James Drachenberg

09:50–10:05

Nonperturbative Transverse Momentum Effects in Dihadron and Direct Photon-Hadron Angular Correlations

Speaker

Joseph Osborn

10:05–10:20

Transverse spin-dependent azimuthal correlations of charged pion pairs measured in $p \uparrow + p$ collisions at $\sqrt{s} = 500$ GeV

Speaker

Michael Skoby

10:20–10:35

Recursive Monte-Carlo code for polarized quark jet

Speaker

Albi Kerbizi

10:35–10:50

Spin asymmetries for vector boson production in polarized $p+p$ collisions

Speaker

Jin Huang

10:50

11:05

TMDs: Parallel V

Session | Location: Illinois Ballroom A | Convener: Jen-Chieh Peng

11:05–11:30

AN at RHIC: What have we learned?

Speaker

John Lajoie

11:30–11:55

Spin observables in twist-3 approach

Speaker

Yuji Koike

11:55-12:15 Transverse Single Spin Asymmetries in Hard Processes (AN)**Speaker**

Leonard Gamberg

12:15-12:35

Comparison of Forward π^0 Asymmetries in Polarized p+p and p+A Collisions at STAR**Speaker**

Steven Heppelmann

12:35-12:50

Single transverse spin asymmetries of forward neutron production in $\sqrt{s_{NN}} = 200$ GeV polarized p+A collisions at PHENIX**Speaker**

Minjung Kim

12:50-13:05

Transverse single asymmetries in neutral pion production in p + p, p+Al and p+Au collisions at mid-rapidity using the PHENIX detector system**Speaker**

Norbert Novitzky

13:05

14:30

TMDs: Parallel VI

Session | Location: Illinois Ballroom A | Convener: Franco Bradamante

14:30-14:50

Angular Distributions of p+p Induced Drell-Yan Dimuons at Fermilab Experiment 906/SeaQuest**Speaker**

Bryan Joseph Ramson

14:50-15:10

Precision measurements with W and Z/ γ^* bosons with the ATLAS detector**Speaker**

Fabio Anulli

15:10-15:30

Interpretation of Angular Distributions of the Drell-Yan Process**Speaker**

Jen-Chieh Peng

15:30-15:50

Azimuthal Angular Distributions using Unpolarised Drell-Yan data from COMPASS at CERN**Speaker**

Luis Silva

15:50-16:05

Transverse Single Spin Asymmetry in Heavy-flavor Muon Production in Polarized p + p and p + Au Collision at $\sqrt{s} = 200$ GeV**Speaker**

Xu Chen

16:05-16:20

Linearly Polarized Gluons in J/ ψ and Y Production

16:20

Speaker
Sangem Rajesh

16:40

TMDs: Parallel VII

Session | **Location:** Illinois Ballroom A | **Convener:** Marco Radici

16:40-17:05 **Overview of TMD results from HERMES**

Speaker
Gunar Schnell

17:05-17:30 **TMDs in the Small-x Region: an Overview**

Speaker
Bowen Xiao

17:30-17:45 **Glue TMDs for polarized targets and the small-x limit**

Speaker
Tom Van Daal

17:45-18:10 **Overview of model results on TMDs**

Speaker
Peter Schweitzer

18:10-18:30

Twist-3 fragmentation contributions to the polarized hyperon production in unpolarized proton-proton collisions

Speaker
Kenta Yabe

18:30-18:50

Study on the transverse polarization of Λ and $\bar{\Lambda}$ in $e+e-$ annihilation at Belle

Speaker
Yinghui Guan

18:50-19:05

Transverse Spin Transfer to Λ and $\bar{\Lambda}$ Hyperons in Transversely Polarized Proton+Proton Collisions at $\sqrt{s}=200\text{GeV}$

Speaker
Jincheng Mei

19:05-19:20

Azimuthal and spin asymmetries in $e+e- \rightarrow V \pi X$ at high energies and 3D fragmentation functions

Speaker
Kaibao Chen

19:20

Tuesday 27 September

09:00

TMDs: Parallel VIII

Session | **Location:** Illinois Ballroom | **Convener:** Gunar Schnell

09:00–09:25 **Overview of TMD results from Hall B at Jefferson Lab**

Speaker

Harut Avakian

09:25–09:50 **The fragmentation function program at Belle**

Speaker

Ralf Seidl

09:50–10:10

Measurement of the Collins asymmetries as a function of energy and transverse momentum for kaons and pions at BABAR

Speaker

Fabio Anulli

10:10–10:30 **Partonic Angular Momentum and Spin Orbit Correlations**

Speaker

Prof. Simonetta Liuti

10:30–10:50 **QCD Wigner distribution at small-x**

Speaker

Yoshitaka Hatta

10:50