

**Session Program**

**20-24 Oct 2014**

**The 21st International Symposium on Spin  
Physics (Spin2014)**

***Parallel-V***

Peking University, Beijing, China.  
No.5 , Yiheyuan Road , Haidian District, Beijing 100871, China.

Wednesday 22 October

08:15

Parallel-V: S2 (Bo-Wen Xiao)

Session | Location: Yingjie International Exchange Centre, Peking University

08:15-08:45 Constraints on  $\Delta G$  from COMPASS Data

Speaker  
Krzysztof Kurek

08:45-09:15 Gluon Polarization in Longitudinally Polarized  $pp$  Collisions at STAR

Speaker  
Zilong Chang

09:15-09:30  
Impact of PHENIX Measurements of  $A_{LL}^{\pi^0}$  on Determination of the Gluon Spin in the Proton

Speaker  
Andrew Manion

09:30-09:45  
Recent Results of  $A_{LL}^{\pi^0}$  Measurements at  $\sqrt{s} = 510$  GeV at Mid-rapidity by PHENIX Experiment and Resulting Constraint on the Gluon Spin Contribution to the Proton Spin

Speaker  
Inseok Yoon

09:45-10:00  
 $J/\psi$  Longitudinal Double Spin Asymmetry Measurement at Forward Rapidity in  $p+p$  Collisions at  $\sqrt{s}=510$  GeV

Speaker  
Haiwang Yu

10:00-10:15  
Double Helicity Asymmetries of Forward Neutral Pions from  $\sqrt{s}=510$  GeV  $pp$  Collisions at STAR

Speaker  
Christopher Dilks

10:15

08:15

Parallel-V: S3 (Chair: Xiang-Song Chen)

Session | Location: Yingjie International Exchange Centre, Peking University

08:15-08:45 Transverse Momentum and Spin Dependent Distribution Functions

Speaker  
Piet J. Mulders

08:45-09:15  
Recent Key Measurements for Accessing the Transverse Spin and Momentum Structure of the Nucleon

**Speaker**  
Anna Martin

**09:15–09:30** **Transverse Spin Azimuthal Asymmetries in SIDIS at COMPASS**

**Speaker**  
Bakur Parsamyan

**09:30–09:45** **Transversity Experiment (E06-010) at Jlab**

**Speaker**  
Yuxiang Zhao

**09:45–10:00**

**Transverse Single-spin Asymmetries of Pion Production in Semi-inclusive DIS at Subleading Twist**

**Speaker**  
Weijuan Mao

**10:00–10:15**

**Momentum Structure of the Nucleon and Hadron Production in Unpolarised SIDIS at COMPASS**

**Speaker**  
Nour Makke

10:15

08:15

## Parallel-V: S6 (Chair: Xiaodong Jiang)

**Session** | **Location:** Yingjie International Exchange Centre, Peking University

**08:15–08:45** **Spin Physics with Photons - Technical Highlights and Spin-offs**

**Speaker**  
Andreas Thomas

**08:45–09:15** **Spin Degrees of Freedom in Compton Scattering**

**Speaker**  
Rory Miskimen

**09:15–09:35**

**Spin Observables in Pion Photoproduction and Nucleon Compton Scattering from the Chiral Lagrangian and Dispersion Relations.**

**Speaker**  
Ashot Gasparyan

**09:35–09:55**

**Transverse and Longitudinal Lambda Polarization in Lepton Scattering by Unpolarized Nucleons at HERMES**

**Speaker**  
Gevorg Karyan

10:15

08:15

## Parallel-V: S9 (Chair: Vasiliy Morozov)

**Session** | **Location:** Yingjie International Exchange Centre, Peking University

**08:15–08:40** **NICA Facility in Polarized Proton and Deuteron Mode**

**Speaker**  
Alexander Kovalenko

08:40–08:58

## Multiple Horizontal Tune Jumps To Overcome Horizontal Depolarizing Resonances

**Speaker**

Haixin Huang

08:58–09:16

## A New Formalism for Classifying Spin Motions Using Tools Distilled from the Theory of Principal Bundles

**Speaker**

Desmond Barber

09:16–09:34

## Calculation of Spin Resonances with Strong Betatron Coupling

**Speaker**

Vadim Ptitsyn

09:34–09:52

## Estimation of Systematic Errors for Deuteron Electric Dipole Moment (EDM) Search at a Storage Ring

**Speaker**

Stanislav Chekmenev

09:52–10:10

## Electron Polarization In The MEIC Collider Ring At JLab

**Speaker**

Fanglei Lin

10:15