

**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  $pp$  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: Vasily 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