

**Session Program**

**20-24 Oct 2014**

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

***Parallel-VIII***

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

## Friday 24 October

10:30

### Parallel-VIII: S10 (Chair: Dipangkar Dutta)

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

**10:30-11:00** **High Current Electron Guns for eRHIC**

**Speaker**

Ilan Ben-Zvi

**11:00-11:25** **DC-SRF Photo-cathode Gun at Peking University**

**Speaker**

Kexin Liu

**11:25-11:50** **Overview of Polarized He3 Gas Targets**

**Speaker**

Jian-ping Chen

12:00

10:30

### Parallel-VIII: S11 (Chair: Alexander Nagaytsev)

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

**10:30-11:00** **Opportunities with Polarized Hadron Beams**

**Speaker**

Wolfgang Lorenzon

**11:00-11:20** **Polarized Drell-Yan at COMPASS-II: Transverse Spin Physics Program**

**Speaker**

Bakur Parsamyan

**11:20-11:40**

**Cross Section and Asymmetry Measurement of Very Forward Neutral Particle Production at RHIC**

**Speaker**

Yuji Goto

**11:40-12:00**

**Nucleon Partonic Spin Structure to be explored by the Unpolarized Drell-Yan Program in the COMPASS-II Experiment at CERN**

**Speaker**

Wen-Chen Chang

12:00

10:30

### Parallel-VIII: S12 (Chair: Li Lu)

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

**10:30-11:00**

**Quantum Anomalous Hall Effect in Magnetically Doped Topological Insulator**

**Speaker**

Ke He

11:00-11:20

**U(1) Symmetry Protected Spin Quantum Hall Effect in  $S = 1$  Gutzwiller Wavefunction****Speaker**

Zhengxin Liu

11:20-11:40

**Observation of the Surface States in Topological Kondo Insulator  $\text{SmB}_6$  and  $\text{YbB}_6$** **Speaker**

Tong Zhang

11:40-12:00

**Dynamical Generation of Fermion Mass in Weyl Semimetals****Speaker**

Zhong Wang

12:00

10:30

**Parallel-VIII: S3 (Chair: Ming Liu)****Session** | **Location:** Yingjie International Exchange Centre, Peking University

10:30-10:45

**Measurement of Boer-Mulders Function via Drell-Yan Process by SeaQuest Experiment at Fermilab****Speaker**

Kenichi Nakano

10:45-11:00

**Working With Wilson Lines****Speaker**

Frederik Van der Veken

11:00-11:15

**Transverse Single-spin Asymmetry of Heavy-flavor Production in  $p+p$  Collisions at  $\sqrt{s} = 200$  GeV****Speaker**

Feng Wei

11:15-11:30

**Gluon Contribution to the Sivers Effect COMPASS Results on Deuteron Target.****Speaker**

Krzysztof Kurek

11:30-11:45

**Transverse Single Spin Asymmetry of  $\pi^0$  and  $\eta$  Mesons at RHIC/PHENIX****Speaker**

Wang Xiaorong

11:45-12:00

**Single-spin Asymmetries in SIDIS on the Longitudinally Polarized Nucleon Targets****Speaker**

Zhun Lu

12:00

10:30

**Parallel-VIII: S4 (Chair: Chuan Liu)****Session** | **Location:** Yingjie International Exchange Centre, Peking University

10:30–11:00

**Nucleon Structure from Lattice QCD****Speaker**

James Zanotti

11:00–11:20

**Parton Distribution Functions and Matching****Speaker**

Jianhui Zhang

11:20–11:40

**Quark Angular Momentum in a Spectator Model****Speaker**

Tianbo Liu

11:40–12:00

**Quark Wigner Distributions and Orbital Angular Momentum in Light-front Dressed Quark Model****Speaker**

Sreeraj Nair

12:00

10:30

**Parallel-VIII: S7 (Chair: Seonho Choi)****Session** | **Location:** Yingjie International Exchange Centre, Peking University

10:30–11:00

**Polarization Observables in Few-Nucleon Scattering****Speaker**

Stanislaw Kistryn

11:00–11:20

**Development of Neutron Polarization Measurement System for Studying NN Interaction in Nuclear Medium****Speaker**

Jumpei Yasuda

11:20–11:40

**Spin-orbit Splitting of Oxygen Isotopes Studied via (pol p, 2p) Reaction****Speaker**

Shoichiro Kawase

11:40–12:00

**The Spin Studies in Few Body Systems at Nuclotron****Speaker**

Vladimir Ladygin

12:00