

Session Program

20-24 Oct 2014

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

Parallel-II

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

Monday 20 October

15:30

Parallel-II: S1 (Chair: Jianwei Qiu)

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

15:30-16:00

Hadron Structure from Drell-Yan Processes: An Overview

Speaker

Matthias Grosse-Perdekamp

16:00-16:30

Overview of TMD Evolution

Speaker

Daniel Boer

16:30-16:50

Gluon TMDs and Quarkonium Production in Unpolarised and Polarised Proton-Proton Collisions

Speaker

Jean-Philippe Lansberg

16:50-17:10

Some New Opportunities for Spin Physics at Small x

Speaker

Jian Zhou

17:30

15:30

Parallel-II: S12 (Chair: Xincheng Xie)

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

15:30-16:00

Quantum Computation and Quantum Metrology Based on Solid Spin System

Speaker

Jiangfeng Du

16:00-16:30

Quantum Information Processing Based on NV Centers

Speaker

Xin-Yu Pan

16:30-17:00

Quantum Computing and Entanglement Purification on Electron Spins

Speaker

Fu-Guo Deng

17:00-17:30

Quantum Simulation with Nuclear Spins

Speaker

Gui-Lu Long

17:30

15:30

Parallel-II: S5 (Chair: Yajun Mao)

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

15:30-16:00

Spin Physics with PHENIX Experiment's MPC-EX Calorimeter Upgrade.

Speaker

Xiaodong Jiang

16:00-16:25

Azimuthal Asymmetries of Drell-Yan Process in pA Collisions**Speaker**

Jian-Hua Gao

16:25-16:50

High Twist Effects in e^+e^- Annihilation at High Energies**Speaker**

Shu-yi Wei

17:30

15:30

Parallel-II: S8 (Chair: Krishna Kumar)**Session** | **Location:** Yingjie International Exchange Centre, Peking University

15:30-16:00

Parity Violation in Deep Inelastic Scattering with the SoLID Spectrometer at JLab**Speaker**

Paul Souder

16:00-16:30

Searches for Physics beyond the Standard Model at the LHC**Speaker**

Frank Ellinghaus

16:30-16:50

Towards a Precision Measurement of the Muon Pair Asymmetry in e^+e^- Annihilation at Belle and Belle II**Speaker**

Torben Ferber

16:50-17:10

Test of Time-Reversal Invariance at COSY (TRIC)**Speaker**

Dieter Eversheim

17:10-17:30

Test of Time-reversal Symmetry in the Proton - Deuteron Scattering**Speaker**

Yuriy Uzikov

17:30

15:30

Parallel-II: S9 (Chair: Mei Bai)**Session** | **Location:** Yingjie International Exchange Centre, Peking University

15:30-15:55

Effect of Overlapping Intrinsic Spin Resonances on e-lens lattices from FY13 Polarized Proton Run**Speaker**

Vahid Ranjbar

15:55-16:20

High energy Polarized Electrons**Speaker**

Yury Shatunov

16:20-16:45

Polarization Preservation and Control in a Figure-8 Ring

Speaker

Vasiliy Morozov

16:45-17:05

Beam Polarization Aspects of eRHIC**Speaker**

Vadim Ptitsyn

17:05-17:25

Study of the Polarization Deterioration During Physics Stores in RHIC Polarized Proton Runs**Speaker**

Zhe Duan

17:30