

Session Program

25-30 Sept 2016



22nd International Spin Symposium

Beams

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

Sunday 25 September

11:05

Beams: Parallel I

Session | **Location:** Excellence | **Convener:** Edward Stephenson

11:05–11:30 **AGS intensity and polarization upgrade plan for RHIC**

Speaker
Haixin Huang

11:30–11:55 **Tilted spin angle in RHIC**

Speaker
François Méot

11:55–12:20 **Proton Polarimetry with the Hydrogen Jet Target at RHIC in Run 2015**

Speaker
Oleg Eyser

12:20–12:45

Measurement of $p \uparrow Au$ and $p \uparrow d$ Analyzing Power at low momentum transfer $0.002 < -t < 0.020$ (GeV/c)² for incident proton energies of 10, 19, 31, and 100 GeV.

Speaker
Andrei Poblaguev

12:55

14:30

Beams: Parallel II

Session | **Location:** Illinois Ballroom C | **Convener:** Edward Stephenson

14:30–14:55 **COSY optics and spin tracking**

Speaker
Yann Dutheil

14:55–15:20

Polarized beam experiments with polarized internal storage cell targets at COSY

Speaker
Dr Bernd Alfred Lorentz

15:20–15:45 **Calibration of the PEPPo polarimeter**

Speaker
Adeleke Adeyemi

15:45–16:10 **Polarization in FCC-ee**

Speaker
Ivan Koop

16:10

16:40

Beams: Parallel III

Session | **Location:** Illinois Ballroom C | **Convener:** Edward Stephenson

16:40–17:25 **Spin Dynamics and Control in JLEIC**

Speaker
Fanglei Lin

17:25-17:50 **Polarization, snakes and rotators in eRHIC**

Speaker
Vadim Ptitsyn

17:50-18:15 **Spin resonance free electron ring injector**

Speaker
Vahid Ranjbar

18:15

Monday 26 September

09:00

Beams: Parallel IV

Session | Location: Illinois Ballroom C | Convener: Wolfram Fischer

09:00–09:25 **Acceleration of polarized He-3 in Booster and AGS**

Speaker
Kiel Hock

09:25–09:50

Design and Simulation of a Polarized Pure Photon Source for Compton Scattering from Solid Polarized Targets

Speaker
Jixie Zhang

09:50–10:15 **CEBAF 5 MeV Mott polarimeter**

Speaker
Timothy Gay

10:40

11:05

Beams: Parallel V

Session | Location: Illinois Ballroom C | Convener: Wolfram Fischer

11:05–11:30

Current results on implementation of the Nucletron/NICA R&D program with polarized beams

Speaker
Prof. Alexander Kovalenko

11:30–11:55 **Lattice design for quasi-frozen spin EDM searches**

Speaker
Eremey Valetov

11:55–12:20 **Stern-Gerlach Polarimetry**

Speaker
Richard Talman

12:20–12:45

Resonant polarimetry: a new way to noninvasive fast measurement of beam polarization?

Speaker
Wolfgang Hillert

12:45

14:30

Beams: Parallel VI

Session | Location: Illinois Ballroom C | Convener: Wolfram Fischer

14:30–14:55 **RF Wien Filter Method for EDM search with CW-CCW Beams**

Speaker
Marcel Rosenthal

14:55-15:20

RF Wien Filter Design

Speaker

Jamal Slim

15:20-15:45

Long polarization lifetimes and feedback control of polarization direction

Speaker

Edward Stephenson

15:45-16:10

Stabilization of the Deuteron Spin Tune in a Storage Ring Using Active Feedback

Speaker

Nils Hempelmann

16:10