

22nd International Spin Symposium

Sunday, 25 September 2016 - Friday, 30 September 2016

iHotel Conference Center
Programme

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Sunday 25 September 2016

Social: Registration - Knowledge (15:00-21:00)

Social: Opening Reception - Illinois Ballroom (19:00-22:00)

Monday 26 September 2016

Plenary: Welcome, Organization and Plenary I - Illinois Ballroom (08:30-10:50)

-Conveners: Naomi Makins

time	[id] title	presenter
08:30	[1] Welcome to SPIN'16	GROSSE-PERDEKAMP, Matthias
08:45	[2] Organization of SPIN'16	VOSSSEN, Anselm
09:00	[3] Searching for the Electric Dipole Moment of the Neutron, the Holy Grail of Precision Measurements	LIU , Chen-Yu
09:55	[4] The Electron Ion Collider	ASCHENAUER, Elke-Caroline

Targets: Parallel I - Technology (11:05-12:55)

Polarized Ion and Lepton Sources and Targets

-Conveners: Christopher Keith

time	[id] title	presenter
11:05	[51] Summary of PSTP2015	REICHERZ, Gerhard Alois
11:30	[52] Polarized ^3He spin filters for neutron science	GENTILE, Thomas
11:55	[53] Polarimetries for the Polarized ^3He Target at JLab	TON, Ngyuen
12:20	[54] Tensor Polarized Deuteron Target at Jefferson Lab	LONG, Elena

Beams: Parallel I - Excellence (11:05-12:55)

Accelerator, Storage and Polarimetry of Polarized Beams

-Conveners: Edward Stephenson

time	[id] title	presenter
11:05	[47] AGS intensity and polarization upgrade plan for RHIC	HUANG, Haixin
11:30	[48] Tilted spin angle in RHIC	MÉOT, François
11:55	[49] Proton Polarimetry with the Hydrogen Jet Target at RHIC in Run 2015	EYSER, Oleg
12:20	[50] Measurement of $p \uparrow \text{Au}$ and $p \uparrow \text{d}$ 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.	POBLAGUEV, Andrei

Low Energy: Parallel I - Loyalty (11:05-12:55)

Low Energy Spin Physics with Lepton, Photon and Hadron Probes

-Conveners: Ian Cloet

time	[id] title	presenter
11:05	[44] Hadron spectroscopy COMPASS	FRIEDRICH, Jan Michael
11:30	[45] A Composite Fermion Approach to Heavy Pentaquarks	BHATTACHARYA, Aparajita

11:50	[46] Study of baryon form factor at BESIII	LIN, Dexu
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TMDs: Parallel I - Alma Mater (11:05-13:10)

3D structure of the nucleon: TMDs

-Conveners: **Andreas Metz**

time	[id] title	presenter
11:05	[39] Overview on TMDs	ANSELMINO, Mauro
11:30	[42] Overview on gluon TMDs	SCHLEGEL, Marc
11:55	[40] Transverse single-spin asymmetries for gauge boson production at RHIC	OGAWA, Akio
12:20	[41] Polarized Drell-Yan at the COMPASS experiment: transverse spin physics program	PARSAMYAN, Bakur
12:45	[43] TMDs from precision spectrometer experiments in Jlab Halls A and C: Existing results and outlook	PUCKETT, Andrew

Helicity & Lattice joint: Parallel I - Lincoln (11:05-12:55)

-Conveners: **Kehfei Liu**

time	[id] title	presenter
11:05	[35] New global QCD analysis of polarized parton distributions	SATO, Nobuo
11:30	[36] Nucleon Helicity and Transversity Parton Distributions from Lattice QCD	CHEN, Jiunn-Wei
11:55	[37] Quark flavour decomposition in proton spin	LIANG, Jian
12:20	[38] Gluon structure of the nucleon	YANG, Yi-Bo

Beyond SM: Parallel I - Innovation (11:05-12:55)

Fundamental Symmetries and Spin Physics Beyond the Standard Model

-Conveners: **Buddhini Waidyawansa**

time	[id] title	presenter
11:05	[31] Searching for dark matter with atoms, nuclei and ultracold neutrons	STADNIK, Yevgeny
11:30	[32] Parity Violation in Deep Inelastic Scattering with the SoLID Spectrometer at Jlab	ZHAO, Yuxiang
11:55	[33] Towards atomic parity violation measurements in laser-trapped francium	GWINNER, Gerald
12:20	[34] The role of spin in n-nbar transformations	GARDNER, Susan

TMDs: Parallel II - Illinois Ballroom A (14:30-16:20)

3D structure of the nucleon: TMDs

-Conveners: **Yoshitaka Hatta**

time	[id] title	presenter
14:30	[59] Combining TMD factorization and collinear factorization	COLLINS, John
14:55	[60] Phenomenology of TMD evolution: recent progress	Dr. KANG, Zhongbo
15:20	[61] TMDs: entering the precision era	G. ECHEVARRÍA, Miguel

15:40	[66] Recent and future measurements of transverse momentum distributions in SIDIS	SBRIZZAI, Giulio
16:00	[62] Extraction of unpolarized TMDs	DELCARRO, Filippo

Targets: Parallel II - Technology (14:30-16:10)

Polarized Ion and Lepton Sources and Targets

-Conveners: Andreas Thomas

time	[id] title	presenter
14:30	[71] Latest results and future direction of the Bochum Polarized Target Group	REICHERZ, Gerhard Alois
14:55	[72] Polarized Target Activity at the University of Virginia	CRABB, Donald
15:20	[73] Tensor polarization optimization and measurement for solid spin 1 targets	KELLER, Dustin
15:45	[74] Vertical pointing transverse polarized target system for the Drell-Yan experiment (E1039)	YUROV, Mikhail

Beams: Parallel II - Illinois Ballroom C (14:30-16:10)

Accelerator, Storage and Polarimetry of Polarized Beams

-Conveners: Edward Stephenson

time	[id] title	presenter
14:30	[67] COSY optics and spin tracking	DUTHEIL, Yann
14:55	[68] Polarized beam experiments with polarized internal storage cell targets at COSY	Dr. LORENTZ, Bernd Alfred
15:20	[69] Calibration of the PEPPo polarimeter	ADEYEMI, Adeleke
15:45	[70] Polarization in FCC-ee	KOOP, Ivan

Lattice: Parallel II - Loyalty (14:30-15:45)

Mini Symposium on Nucleon Spin Structure and Lattice QCD

-Conveners: William Detmold

time	[id] title	presenter
14:30	[63] Nucleon Structure and Neutron Electric Dipole Moment	BHATTACHARYA, Tanmoy
14:55	[64] Nucleon TMDs from Lattice QCD	YOON, Boram
15:20	[65] Lattice Generalized Parton Distributions of Nucleon and Form Factors	Prof. CONSTANTINOU, Martha

Helicity: Parallel II - Lincoln (14:30-16:20)

Nucleon helicity structure

-Conveners: Gerhard Mallot

time	[id] title	presenter
14:30	[55] Final COMPASS results on the spin dependent structure functions g_{1d} and g_{1p}	WILFERT, Malte Christian

14:55	[56] Nucleon spin structure studies at JLAB	DEUR, Alexandre
15:20	[57] Tensor-polarized structure function b_1 in the standard convolution description for the deuteron	KUMANO, Shunzo
15:40	[58] Spin asymmetry for proton-deuteron Drell-Yan process with tensor-polarized deuteron	SONG, Qin-Tao
16:05	[257] Towards a self-consistent determination of fragmentation functions	GONZALEZ, Osvaldo

Helicity: Parallel III - Lincoln (16:40-18:30)

Nucleon helicity structure

-Conveners: Emanuele Roberto Nocera

time	[id] title	presenter
16:40	[75] The spin structure function of the proton at low x and low Q^2 from COMPASS	ANDRIEUX, Vincent
17:00	[76] The proton spin-dependent structure function g_2 at low Q^2	ZHANG, Jixie
17:20	[77] The generalized GDH sum rule: measuring the neutron and ^3He spin structure at low Q^2	PENG, Chao
17:40	[78] Helicity evolution at small x	Prof. KOVCHEGOV, Yuri
18:05	[79] The spin of the proton in chiral effective theory	WANG, Ping

Beams: Parallel III - Illinois Ballroom C (16:40-18:15)

Accelerator, Storage and Polarimetry of Polarized Beams

-Conveners: Edward Stephenson

time	[id] title	presenter
16:40	[88] Spin Dynamics and Control in JLEIC	LIN, Fanglei
17:25	[89] Polarization, snakes and rotators in eRHIC	PTITSYN, Vadim
17:50	[90] Spin resonance free electron ring injector	RANJBAR, Vahid

TMDs: Parallel III - Illinois Ballroom A (16:40-18:55)

3D structure of the nucleon: TMDs

-Conveners: Marco Contalbrigo

time	[id] title	presenter
16:40	[80] 2+1d Imaging the momentum structure of nucleons at an EIC	ASCHEAUER, Elke-Caroline
17:05	[82] COMPASS measurement of the P_T weighted Sivers asymmetry	BRADAMANTE, Franco
17:30	[83] New pole contribution to Ph_\perp -weighted single-transverse spin asymmetry in semi-inclusive deep inelastic scattering	YOSHIDA, Shinsuke
17:55	[84] A direct extraction of the Sivers function from SIDIS data	MARTIN, Anna
18:10	[85] The measurement of the gluon Sivers asymmetries in COMPASS at CERN	SILVA, Luis

18:25	[86] Target longitudinal spin dependent single-hadron asymmetries in SIDIS at COMPASS	PARSAMYAN, Bakur
18:40	[87] Azimuthal asymmetries in SIDIS di-hadron muoproduction on longitudinally polarized protons at COMPASS	SIRTL, Stefan

Targets: Parallel III - Technology (16:40-18:20)

Polarized Ion and Lepton Sources and Targets

-Conveners: Gerhard Alois Reicherz

time	[id] title	presenter
16:40	[91] A New Solid Polarized Target for CLAS12	Dr. MAXWELL, James
17:05	[92] eHD at Jefferson Lab	HANRETTY, Charles
17:30	[93] Magnesium di-Boride: A novel solution for a transversely polarized target holding field in CLAS12	LOWRY, Michael
17:55	[94] Automated Microwave Frequency Control of Dynamically Polarized Targets	DARSHANA-PERERA, Gonaduwege

Tuesday 27 September 2016

Helicity: Parallel IV - Lincoln (09:00-10:50)

Nucleon helicity structure

-Conveners: Gerhard Mallot

time	[id] title	presenter
09:00	[99] Gluon polarization from Longitudinally polarized proton collisions at STAR	RAMACHANDRAN, Suvarna
09:25	[100] Recent PHENIX measurements sensitive to the gluon polarization in the proton	YU, Haiwang
09:50	[101] Measurement of double helicity asymmetries in charged pion production at mid-rapidity at PHENIX	MOON, Taebong
10:10	[102] Longitudinal Double Spin Asymmetries with π^0 - Jet Correlations in Polarized Proton Collisions at $\sqrt{s}=510$ GeV at STAR	WANG, Yaping
10:30	[104] Review of recent direct gluon polarization measurements	KLIMASZEWSKI, Konrad

TMDs: Parallel IV - Illinois Ballroom A (09:00-10:50)

3D structure of the nucleon: TMDs

-Conveners: Akio Ogawa

time	[id] title	presenter
09:00	[105] Di-hadron production in proton-proton collisions and the universality of the transversity distribution	RADICI, Marco
09:25	[106] Illuminating QCD and Nucleon Structure Through the Study of Hadrons Within Jets and Dihadron Correlations at RHIC	DRACHENBERG, James
09:50	[107] Nonperturbative Transverse Momentum Effects in Dihadron and Direct Photon-Hadron Angular Correlations	OSBORN, Joseph
10:05	[108] Transverse spin-dependent azimuthal correlations of charged pion pairs measured in $p\uparrow+p$ collisions at $\sqrt{s}=500$ GeV	SKOBY, Michael
10:20	[109] Recursive Monte-Carlo code for polarized quark jet	KERBIZI, Albi
10:35	[110] Spin asymmetries for vector boson production in polarized $p+p$ collisions	HUANG, Jin

Beyond SM: Parallel IV - Innovation (09:00-10:40)

Fundamental Symmetries and Spin Physics Beyond the Standard Model

-Conveners: David Kawall

time	[id] title	presenter
09:00	[95] Electric Dipole Moment Measurements at Storage Rings	PRETZ, Joerg
09:25	[96] Search for a permanent electric dipole moment of ^{129}Xe	ZIMMER, Stefan
09:50	[97] The neutron electric dipole moment (nEDM) experiment at the Spallation Neutron Source	TANG, Zhaowen
10:15	[98] Neutron EDM measurement at PSI	RAWLIK, Michal

GPDs: Parallel IV - Alma Mater (09:00-10:40)***3D structure of the nucleon: GPDs and Form Factors*****-Conveners: Nicole D'Hose**

time	[id] title	presenter
09:00	[111] Introduction to GPDs	BURKARDT, Matthias
09:25	[112] The physics and applications of the D-term	SCHWEITZER, Peter
09:50	[113] The Flexible Spectator Model of Spin Dependent Quark and Gluon GPDs: Implications for Deeply Virtual Lepton Scattering	GOLDSTEIN, Gary
10:15	[114] Form Factor and Proton Radius at MAMI and with ISR experiments	MUELLER, Ulrich

Lattice: Parallel IV - Loyalty (09:00-10:40)***Mini Symposium on Nucleon Spin Structure and Lattice QCD*****-Conveners: Huey-Wen Lin**

time	[id] title	presenter
09:00	[115] Hadron electric polarizability from lattice QCD	ALEXANDRU, Andrei
09:25	[116] Nuclear structure from lattice QCD	DETMOLD, William
09:50	[117] Strange contributions to proton electromagnetic form factors	ORGINOS, Kostas
10:15	[118] Strange Quark Magnetic Moment of the Nucleon at Physical Point	SUFIAN, Raza

Low Energy: Parallel IV - Illinois Ballroom B (09:00-10:40)***Low Energy Spin Physics with Lepton, Photon and Hadron Probes*****-Conveners: Steffen Strauch**

time	[id] title	presenter
09:00	[119] Compton Scattering and Nucleon Polarizabilities at High Intensity Gamma-Ray Source	LI, Xiaqing
09:25	[120] Wide-Angle Compton Scattering	WOJTSEKHOWSKI, Bogdan
09:50	[121] Compton scattering	DOWNIE, Evangeline
10:15	[122] Measurement of analyzing powers for p-3He scattering with polarized 3He target	WATANABE, Atomu

Beams: Parallel IV - Illinois Ballroom C (09:00-10:40)***Accelerator, Storage and Polarimetry of Polarized Beams*****-Conveners: Wolfram Fischer**

time	[id] title	presenter
09:00	[123] Acceleration of polarized He-3 in Booster and AGS	HOCK, Kiel
09:25	[258] Design and Simulation of a Polarized Pure Photon Source for Compton Scattering from Solid Polarized Targets	ZHANG, Jixie

09:50	[125] CEBAF 5 MeV Mott polarimeter	GAY, Timothy
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Targets: Parallel IV - Technology (09:00-10:15)

Polarized Ion and Lepton Sources and Targets

-Conveners: Christopher Keith

time	[id] title	presenter
09:00	[126] Development of deuterated polymer polarized targets	WANG, Li
09:25	[127] Influence of Irradiation on Dynamic Nuclear Polarization of polyethylene and polypropylene	REEVE, Scott
09:50	[128] A thin, superconducting magnet for the Polarized Target	BORNSTEIN, Marcel

Future: Parallel IV - Excellence (09:00-10:40)

Future Facilities and Experiments

-Conveners: Charles Hyde

time	[id] title	presenter
09:00	[129] The RHIC cold QCD plan for 2017 to 2023: a portal to the EIC	FATEMI, Renee
09:25	[130] fsPHENIX: A Detector Evolution for the Study of Nucleon Spin Structure and Cold NuclearMatter at RHIC	LAJOIE, John
09:50	[131] Design of a Fully Optimized DIS Detector at eRHIC	Dr. PETTI, Richard
10:15	[132] Spin physics experiments at NICA-SPD with polarized proton and deuteron beams	KOVALENKO, Alexander SAVIN, Igor

Future: Parallel V - Excellence (11:05-12:45)

Future Facilities and Experiments

-Conveners: Alexander Kiselev

time	[id] title	presenter
11:05	[169] TMD Physics with SoLID at Jefferson Lab 12GeV	ZHAO, Zhiwen
11:30	[170] A Drell-Yan experiment with a transversely polarized target at SeaQuest	KLEIN, Andi
11:55	[171] Predicting the $\sin \phi_S$ Transverse Single-spin Asymmetry of Pion Production at an Electron Ion Collider	WANG, Xiaoyu
12:20	[254] Spin Physics at the Electron Ion Collider: The JLEIC Detector Concept	HYDE, Charles

Targets: Parallel V - Technology (11:05-12:45)

Polarized Ion and Lepton Sources and Targets

-Conveners: Jaakko Henrik Koivuniemi

time	[id] title	presenter
11:05	[166] COMPASS Polarized Target for Drell-Yan	MATOUSEK, Jan

11:30	[167] The Polarized Target for Polarized Drell-Yan Experiment in COMPASS at CERN	NUKAZUKA, Genki
11:55	[255] GDH Sum Rule Test of Deuteron from Photodisintegration below 20 MeV using HIFROST	SEO, Pilneyo
12:20	[168] Polarized ^3He Target at JLab	CHEN, Jian-Ping

Beams: Parallel V - Illinois Ballroom C (11:05-12:45)

Accelerator, Storage and Polarimetry of Polarized Beams

-Conveners: Wolfram Fischer

time	[id] title	presenter
11:05	[162] Current results on implementation of the Nucletron/NICA R&D program with polarized beams	Prof. KOVALENKO, Alexander
11:30	[163] Lattice design for quasi-frozen spin EDM searches	VALETOV, Eremey
11:55	[164] Stern-Gerlach Polarimetry	TALMAN, Richard
12:20	[165] Resonant polarimetry: a new way to noninvasive fast measurement of beam polarization?	HILLERT, Wolfgang

Low Energy: Parallel V - Illinois Ballroom B (11:05-12:45)

Low Energy Spin Physics with Lepton, Photon and Hadron Probes

-Conveners: Ian Cloet

time	[id] title	presenter
11:05	[158] The SANE Experiment and QCD Color Forces	ARMSTRONG, Whitney
11:30	[159] SIDIS from spin-1 targets	COSYN, Wim
11:55	[160] Nucleon and Nuclear structure studies in electroproduction with CLAS at Jefferson Lab	STEPANYAN, Stepan
12:20	[161] Using $A=3$ mirror nuclei to study the nucleon structure	WAIDYAWANSA, Buddhini

Lattice: Parallel V - Loyalty (11:05-12:45)

Mini Symposium on Nucleon Spin Structure and Lattice QCD

-Conveners: Kostas Orginos

time	[id] title	presenter
11:05	[154] Matching for quasi parton distribution functions	ISHIKAWA, Tomomi
11:30	[155] Towards Lattice QCD Studies of High Moments of Parton Distribution Functions	DAVOUDI, Zohreh
11:55	[156] Form factors from moments of correlation functions	CHANG, Chia Cheng
12:20	[157] The connected and leading disconnected diagrams of the hadronic light-by-light contribution to muon $g-2$	JIN, Luchang

GPDs: Parallel V - Alma Mater (11:05-12:55)

3D structure of the nucleon: GPDs and Form Factors**-Conveners: Matthias Burkardt**

time	[id] title	presenter
11:05	[149] Photon electroproduction at Jefferson Laboratory-Hall A	DEFURNE, Maxime
11:30	[150] Exclusive single-photon muoproduction at COMPASS	FERRERO, Andrea
11:55	[151] Partonic Orbital Angular Momentum in QCD	RAJAN , Abha
12:15	[152] The MUSE experiment and the Proton Radius	COLLICOTT, Cristina
12:35	[153] The PRad experiment at JLab	XIONG , Weizhi

Beyond SM: Parallel V - Innovation (11:05-13:10)**Fundamental Symmetries and Spin Physics Beyond the Standard Model****-Conveners: Buddhini Waidyawansa**

time	[id] title	presenter
11:05	[133] Improved limit on the radium-225 electric dipole moment	MUELLER, Peter
11:30	[134] The PULSTAR systematic studies test apparatus for the SNS neutron electric dipole moment experiment	LEUNG, Kent
11:55	[135] The Muon g-2 Experiment at Fermilab	FLAY, David
12:20	[136] Measurement of muon g-2 and EDM with ultra-cold muon beam at J-PARC	MIBE, Tsutomu
12:45	[137] Preparation for the Time Reversal Invariance experiment at COSY (TRIC)	VALDAU, Yury

TMDs: Parallel V - Illinois Ballroom A (11:05-13:05)**3D structure of the nucleon: TMDs****-Conveners: Jen-Chieh Peng**

time	[id] title	presenter
11:05	[143] AN at RHIC: What have we learned?	LAJOIE, John
11:30	[144] Spin observables in twist-3 approach	KOIKE, Yuji
11:55	[145] Transverse Single Spin Asymmetries in Hard Processes (AN)	GAMBERG, Leonard
12:15	[146] Comparison of Forward π^0 Asymmetries in Polarized p+p and p+A Collisions at STAR	HEPPELMANN, Steven
12:35	[147] Single transverse spin asymmetries of forward neutron production in $\sqrt{s_{NN}} = 200$ GeV polarized p+A collisions at PHENIX	KIM, Minjung
12:50	[148] Transverse single asymmetries in neutral pion production in p + p, p+Al and p+Au collisions at mid-rapidity using the PHENIX detector system	NOVITZKY, Norbert

Helicity: Parallel V - Lincoln (11:05-12:55)**Nucleon helicity structure****-Conveners: Emanuele Roberto Nocera**

time	[id] title	presenter
11:05	[138] Measurement of W single spin asymmetries and W cross section ratios at STAR	GUNARATHNE, Devika
11:30	[139] PHENIX W measurements in polarized pp collisions	PARK, Sanghwa
11:55	[140] Exploring nucleon spin structure through neutrino neutral-current interactions	WOODRUFF, Katherine
12:15	[141] Strange quark-antiquark asymmetry of the nucleon sea from Lambda/Lambda-bar polarization	DU, Xiaozhen
12:35	[142] The strange quark polarization puzzle and the role of fragmentation functions	LEADER, Elliot

Targets: Parallel VI - Technology (14:30-16:30)

Polarized Ion and Lepton Sources and Targets

-Conveners: Thomas Gentile

time	[id] title	presenter
14:30	[200] A renewed dual hydrogen and deuterium polarized target at COSY in the PAX frame	CIULLO, Giuseppe
14:55	[201] A HERMES-type GasTarget, Internal to the LHC for the Study of pp Single-spin and Heavy Ion Collisions	LENISA, Paolo
15:20	[202] Polarized ^3He ABS for nEDM Experiment at SNS	TSENTALOVICH, Evgeni
15:45	[203] The PULSTAR systematic studies test apparatus for the SNS nEDM experiment	LEUNG, Kent
16:10	[204] Enhanced Quantum Efficiency of Strained GaAs/GaAsP Superlattice Photocathode with Distributed Bragg Reflector	LIU, Wei

Applications: Parallel VI - Loyalty (14:30-16:10)

Application of Nuclear Polarization Techniques to Other Fields

-Conveners: Caroline Kathrin Riedl

time	[id] title	presenter
14:30	[206] A Large-Area Planar Drift Chamber for the COMPASS experiment at CERN	HEITZ, Robert Shannon
14:55	[205] Blue Waters, A Petascale Computer Facility, for the reconstruction of CERN COMPASS-II data.	MEYER, Marco
15:20	[207] Preliminary Results of a Tungsten Powder Epoxy Scintillating Fiber EMCAL for sPHENIX	LOGGINS, Vera

Nuclear: Parallel VI - Excellence (14:30-16:10)

Spin physics in Nuclear Reactions and Nuclei

-Conveners: Tomohiro Uesaka

time	[id] title	presenter
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14:30	[209] Elastic scattering of neutron-rich 6He nuclei from polarized protons at 200 A MeV	CHEBOTARYOV, Sergey
14:55	[210] Study of Discrete Symmetry Breaking Effects in Neutron-induced Compound States	SHIMIZU, Hirohiko
15:20	[211] Observation of the Competitive Double-gamma Nuclear Decay	SCHEIT, Heiko
15:45	[212] Spinning Triaxial Nuclei Wobble: Sometimes Transverse, At Others Longitudinal	GARG, Umesh

Beams: Parallel VI - Illinois Ballroom C (14:30-16:10)

Accelerator, Storage and Polarimetry of Polarized Beams

-Conveners: Wolfram Fischer

time	[id] title	presenter
14:30	[196] RF Wien Filter Method for EDM search with CW-CCW Beams	ROSENTHAL, Marcel
14:55	[197] RF Wien Filter Design	SLIM, Jamal
15:20	[198] Long polarization lifetimes and feedback control of polarization direction	STEPHENSON, Edward
15:45	[199] Stabilization of the Deuteron Spin Tune in a Storage Ring Using Active Feedback	HEMPELMANN, Nils

Low Energy: Parallel VI - Illinois Ballroom B (14:30-16:25)

Low Energy Spin Physics with Lepton, Photon and Hadron Probes

-Conveners: Jan Michael Friedrich

time	[id] title	presenter
14:30	[191] Baryon Spectroscopy with Polarized Photoproduction Observables from CLAS	STRAUCH, Steffen
14:55	[192] Recent results from photoproduction off Mesons at A2	WALFORD, Natalie
15:20	[193] Two- and Three-body Photo-disintegration of 3He with Double Polarizations at 29.0 and 16.5 MeV	LASKARIS, George
15:45	[194] Double-spin observables in charged pion photo-production from polarized neutrons in solid HD using the CLAS at Jefferson Lab	KAGEYA, Tsuneo
16:05	[195] Probing the Neutron Structure with the Bonus Experiment	EHRHART, Mathieu

GPDs: Parallel VI - Alma Mater (14:30-16:10)

3D structure of the nucleon: GPDs and Form Factors

-Conveners: Nicole D'Hose

time	[id] title	presenter
14:30	[187] Understanding the Helicity Structure of DVCS	GONZALEZ, Osvaldo
14:55	[188] Exclusive π^0 production at COMPASS	GORZELLIK, Matthias
15:20	[189] Exclusive π^0 production at JLab	DEFURNE, Maxime
15:45	[190] Last results on exclusive meson production at HERMES	VAN HULSE, Charlotte

TMDs: Parallel VI - Illinois Ballroom A (14:30-16:20)**3D structure of the nucleon: TMDs****-Conveners: Franco Bradamante**

time	[id] title	presenter
14:30	[181] Angular Distributions of p+p Induced Drell-Yan Dimuons at Fermilab Experiment 906/SeaQuest	RAMSON, Bryan Joseph
14:50	[182] Precision measurements with W and Z/ γ^* bosons with the ATLAS detector	ANULLI, Fabio
15:10	[183] Interpretation of Angular Distributions of the Drell-Yan Process	PENG, Jen-Chieh
15:30	[184] Azimuthal Angular Distributions using Unpolarised Drell-Yan data from COMPASS at CERN	QUARESMA, Marcia
15:50	[185] Transverse Single Spin Asymmetry in Heavy-Flavor Muon Production in Polarized p + p and p + Au Collision at $\sqrt{s} = 200$ GeV	CHEN, Xu
16:05	[186] Linearly Polarized Gluons in J/ ψ and Υ Production	RAJESH, Sangem

Helicity: Parallel VI - Lincoln (14:30-16:25)**Nucleon helicity structure****-Conveners: Gerhard Mallot**

time	[id] title	presenter
14:30	[176] Threshold resummation and higher order QCD corrections for longitudinally polarized processes	RINGER, Felix
14:55	[177] Next-to-next-to-leading-order spin-dependent parton distribution function	KHANPOUR, Hamzeh
15:20	[178] Fragmentation functions and their uncertainties	NOCERA, Emanuele Roberto
15:40	[179] Charged-hadron lepto-production off unpolarized protons and deuterons at HERMES	SCHNELL, Gunar
16:05	[180] Multiplicities of charged pion, kaon and unidentified hadrons from COMPASS	MAKKE, Nour

Beyond SM: Parallel VI - Innovation (14:30-16:35)**Fundamental Symmetries and Spin Physics Beyond the Standard Model****-Conveners: David Kawall**

time	[id] title	presenter
14:30	[172] Parity Violation and Rare Higgs Decays from a Dark Force	DAVOUDIASL, Hooman
14:55	[173] A direct measurement of the proton's weak charge	MCHUGH, Marty
15:20	[174] The P2 experiment: A high precision determination of the weak mixing angle $\sin^2\theta_W$	BAUNACK, Sebastian
15:45	[175] The MOLLER Experiment- Parity-Violating Møller Scattering at Jefferson Lab	SANJEEWA BEMINIWATTHA, Rakitha
16:10	[256] Precise Measurement of Muonium HFS at J-PARC MUSE	UENO, Yasuhiro

Social: ISPC Meeting - Illinois Ballroom (16:00-18:00)**Targets: Parallel VII - Technology (16:40-18:20)****Polarized Ion and Lepton Sources and Targets****-Conveners: Matt Poelker**

time	[id] title	presenter
16:40	[229] Polarized 3He^{++} Ion Source Development for RHIC	ZELENSKI, Anatoli
17:05	[230] Polarized Ion Sources Development at RHIC	ZELENSKI, Anatoli
17:30	[231] Molecular Beam of Polarized Hydrogen	TOPORKOV, Dmitriy
17:55	[232] Optical pumping of negative ions	DUDNIKOV, Vadim

Nuclear: Parallel VII - Excellence (16:40-18:20)**Spin physics in Nuclear Reactions and Nuclei****-Conveners: Tomohiro Uesaka**

time	[id] title	presenter
16:40	[233] Constraining the spin orbit force using the ^{34}Si bubble nucleus	LEPAILLEUR, Alexandre
17:05	[234] Nuclear matter Equation of State studied by polarized proton inelastic scattering	HASHIMOTO, Takashi
17:30	[235] Various structures of the neutron-rich nucleus ^{31}Mg investigated by beta-gamma spectroscopy of spin-polarize ^{31}Na	NISHIBATA, Hiroshi
17:55	[236] Novel nuclear structure towards extremes of spin and isospin	ZHAO, Pengwei

TMDs: Parallel VII - Illinois Ballroom A (16:40-19:20)**3D structure of the nucleon: TMDs****-Conveners: Marco Radici**

time	[id] title	presenter
16:40	[213] Overview of TMD results from HERMES	SCHNELL, Gunar
17:05	[214] TMDs in the Small-x Region: an Overview	XIAO, Bowen
17:30	[215] Gluon TMDs for polarized targets and the small-x limit	VAN DAAL, Tom
17:45	[216] Overview of model results on TMDs	SCHWEITZER, Peter
18:10	[217] Twist-3 fragmentation contributions to the polarized hyperon production in unpolarized proton-proton collisions	YABE, Kenta
18:30	[218] Study on the transverse polarization of Λ and $\bar{\Lambda}$ in $e+e^-$ annihilation at Belle	GUAN, Yinghui
18:50	[219] Transverse Spin Transfer to Λ and $\bar{\Lambda}$ Hyperons in Transversely Polarized Proton+Proton Collisions at $\sqrt{s}=200\text{GeV}$	MEI, Jincheng
19:05	[220] Azimuthal and spin asymmetries in $e+e^- \rightarrow V \pi X$ at high energies and 3D fragmentation functions	CHEN, Kaibao

Future & GPD joint: Parallel VII - Alma Mater (16:40-18:20)**-Conveners: Alexander Kiselev**

time	[id] title	presenter
16:40	[221] Physics opportunities at the future eRHIC	FAZIO, Salvatore
17:05	[222] Time Like Compton Scattering	NADEL-TURONSKI, Pawel
17:30	[223] QCD mechanisms for accessing the nucleon GPDs with the exclusive pion-induced Drell-Yan process at J-PARC	TANAKA, Kazuhiro
17:55	[224] Future Studies of Hadron Structure with High Intensity Kaon and Anti-Proton Beams at the CERN SPS M2 beamline	ANDRIEUX, Vincent

Low Energy: Parallel VII - Illinois Ballroom B (16:40-18:10)**Low Energy Spin Physics with Lepton, Photon and Hadron Probes****-Conveners: Evangeline Downie**

time	[id] title	presenter
16:40	[225] Spin polarizabilities and Compton scattering form Chiral EFT	GRIESSHAMMER, Harald
17:05	[226] Measurement of the Two-Photon Exchange Contribution to Elastic Lepton-Proton Scattering at the OLYMPUS Experiment	HENDERSON, Brian
17:30	[227] Deuteron Analyzing Powers for dp Elastic Scattering at Intermediate Energies and Three Nucleon Forces	SEKIGUCHI, Kimiko
17:50	[228] np Charge Exchange Polarimetry in GeV Region	PISKUNOV, Nikolay

Social: ISPC Dinner (18:30-21:30)**-Conveners: Matthias Grosse-Perdekamp**

Wednesday 28 September 2016

Helicity & Future Joint: Parallel VIII - Lincoln (09:00-11:00)

-Conveners: Alexander Kiselev

time	[id] title	presenter
09:00	[237] The EIC plan in China	CHEN, Xurong
09:25	[238] How to unravel the nucleon helicity structure at an EIC	PAGE, Brian
09:50	[239] Electroweak physics at the EIC	ZHAO, Yuxiang
10:15	[240] Quarkonium production at a future electron-ion collider	METZ, Andreas

Nuclear: Parallel VIII - Excellence (09:00-10:40)

Spin physics in Nuclear Reactions and Nuclei

-Conveners: Tomohiro Uesaka

time	[id] title	presenter
09:00	[250] The PolFusion project: more insight on d–spin dependent cross–sections	CIULLO, Giuseppe
09:25	[251] Performance of laser-polarized ^3He in tokamak fuel pellets	MILLER, Wilson
09:50	[252] Spin polarized fuel in tokamak fusion reactors	SMITH, Sterling
10:15	[253] Molecular Beams of Polarized Hydrogen	TOPORKOV, Dmitriy

Targets: Parallel VIII - Alma Mater (09:00-10:40)

Polarized Ion and Lepton Sources and Targets

-Conveners: Joe Grames

time	[id] title	presenter
09:00	[246] Developing a vortex electron beam source for nuclear physics	DUTTA, Dipangkar
09:25	[247] High energy X-ray vortex generation using inverse Compton scattering	Dr. TAIRA, Yoshitaka
09:50	[248] eRHIC high-current, high-charge polarized electron source R&D in BNL	WANG, Erdong
10:15	[249] Electron Source for MESA	AULENBACHER, Kurt

TMDs: Parallel VIII - Illinois Ballroom (09:00-10:50)

3D structure of the nucleon: TMDs

-Conveners: Gunar Schnell

time	[id] title	presenter
09:00	[241] Overview of TMD results from Hall B at Jefferson Lab	AVAKIAN, Harut
09:25	[242] The fragmentation function program at Belle	SEIDL, Ralf
09:50	[243] Measurement of the Collins asymmetries as a function of energy and transverse momentum for kaons and pions at BABAR	ANULLI, Fabio
10:10	[244] Partonic Angular Momentum and Spin Orbit Correlations	Prof. LIUTI, Simonetta

10:30	[245] QCD Wigner distribution at small-x	HATTA, Yoshitaka
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Plenary: Plenary II - Illinois Ballroom (11:05-12:55)

-Conveners: Caroline Kathrin Riedl

time	[id] title	presenter
11:05	[5] 12 GeV CEBAF: The Physics and Experiments	BURKERT, Volker
12:00	[6] 12 GeV CEBAF: Accelerator Systems and Polarized Beams	POELKER, Matt

Plenary: Plenary III - Illinois Ballroom (14:30-16:20)

-Conveners: Erhard Steffens

time	[id] title	presenter
14:30	[7] Spin Physics in Exotic Nuclei and Perspectives for FRIB	IWASAKI, Hironori
15:05	[8] Polarized Fusion, its Implications and Plans for Direct Measurements in a Tokamak Plasma	SMITH, Sterling
15:40	[9] Spin Physics at the A2 Real Photon Facility at MAMI	THOMAS, Andreas

Plenary: Plenary IV - Illinois Ballroom (16:40-18:30)

-Conveners: Franco Bradamante

time	[id] title	presenter
16:40	[10] Transverse Spin Physics: Theory	PROKUDIN, Alexei
17:15	[11] Experimental Overview of Transverse Spin Physics	Dr. EYSER, Oleg
17:50	[12] Nucleon Spin Structure from Experiments using the Drell-Yan Process	MARQUES QUINTANS, Catarina

Blue Waters: Open House (18:30-19:30)

Poster: Poster Session - Lincoln (20:00-22:00)

Appetizers will be served. A beer and wine cash bar will be open.

Please hand your poster to the organizers on Wednesday afternoon. It will be prepared for your presentation on poster walls during the tour to Blue Waters, which you thus can join.

Formats: Landscape / horizontal preferred. Vertical is probably OK except if it is an extreme aspect ratio.

-Conveners: Caroline Kathrin Riedl

[id] title	presenter	board
[263] Longitudinal Double-Spin Asymmetries for Forward Di-jet Production in Polarized pp Collisions at $\sqrt{s} = 200$ GeV	LIN, Ting	
[261] Characterizing SQERP, The SeaQuest Event Reconstruction Program	AYUSO, Catherine	
[269] The Drell-Yan Process from Pions on Transversely Polarized Proton Targets at COMPASS	HEITZ, Robert Shannon	

[262] Analysis of Drell-Yan longitudinal double spin asymmetries at PHENIX	DARSHANA-PERERA, Gonaduwege	
[259] Geometric Clifford Algebra and Quantum Interpretation of the Proton's Anomalous Magnetic Moment	SUISSE, Michaele	
[268] TBA	GORMAN, Waverly	
[267] Measurement of transverse single-spin asymmetries for di-jet production in polarized p+p collisions at $\sqrt{s} = 200$ GeV at STAR	LIU, Huanzhao	
[266] Study of transverse single-spin asymmetries in heavy flavor production in p + p collisions using the PHENIX Forward Vertex Detector	BOK, Jeongsu	
[265] Longitudinal Double Spin Asymmetry in Jets in $s = 510$ polarized p+p	PATEL, Milap	

Thursday 29 September 2016

Plenary: Plenary V - Illinois Ballroom (09:00-10:50)

-Conveners: **Mauro Anselmino**

time	[id] title	presenter
09:00	[13] AFTER@LHC: The Spin Physics Program	KIKOLA, Daniel
09:35	[14] Parton Fragmentation within Spin-Dependent TMD and Collinear Observables	PITONYAK, Daniel
10:10	[15] MESA: Status and Physics Program	AULENBACHER, Kurt

Plenary: Plenary VI - Illinois Ballroom (11:05-12:55)

-Conveners: **elke-caroline Aschenauer**

time	[id] title	presenter
11:05	[16] Lattice QCD Overview	LIN, Huey-Wen
11:40	[17] Hadronic Light by Light Contributions to the Muon Anomalous Magnetic Moment from Lattice QCD Calculations	BLUM, Thomas
12:15	[18] The Anomalous Magnetic Moment of the Muon: Future Measurements	WINTER, Peter

Plenary: Plenary VII - Illinois Ballroom (14:30-15:45)

-Conveners: **Donald Crabb**

time	[id] title	presenter
14:30	[19] Frozen Spin Targets for Nuclear and Particle Physics	KEITH, Christopher
15:05	[20] Production of Highly Polarized Positrons Using Polarized Electrons at MeV Energies	GRAMES, Joe

Social: Excursion - General (16:30-22:30)

Friday 30 September 2016

Plenary: Plenary VIII - Illinois Ballroom (09:00-10:50)

-Conveners: Paolo Lenisa

time	[id] title	presenter
09:00	[21] High Precision beta decay measurements with polarized neutrons and nuclei	YOUNG, Albert
09:35	[22] GPDs: Status and Future	KUMERICKI, Kresimir
10:10	[23] Accessing GPDs in High Energy Exclusive Processes	MUNOZ CAMACHO, Carlos

Plenary: Plenary IX - Illinois Ballroom (11:05-12:55)

-Conveners: Anna Martin

time	[id] title	presenter
11:05	[24] The Longitudinal Spin Structure of the Proton: a Theory Overview	NOCERA, Emanuele Roberto
11:40	[25] Nucleon Helicity Structure: Experimental Overview	BAZILEVSKY, Alexander
12:15	[26] Recent RHIC Performance Improvements with Polarized Beams	SCHOEFER, Vincent

Plenary: Plenary X - Illinois Ballroom (14:30-16:20)

-Conveners: Hideto Enyo

time	[id] title	presenter
14:30	[27] Tetra-Neutron System Populated by Exothermic Double-Charge Exchange Reaction $4\text{He}(8\text{He},8\text{Be})$ at 190 MeV/u	SHIMOURA, Susumu
15:05	[28] Nucleon Spin Structure with Lepton Beams at low Q ²	SLIFER, Karl
15:40	[29] Precision Electroweak Physics Using Parity Violating Electron Scattering	PASCHKE, Kent

Plenary: Plenary XI - Illinois Ballroom (16:40-17:45)

-Conveners: Alan Krusch

time	[id] title	presenter
16:40	[30] State and Future of Spin Physics	MILNER, Richard