

## **Session Program**

**25-30 Sept 2016**



## **22nd International Spin Symposium**

### ***Plenary***

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

# Monday 26 September

08:30

## Plenary: Welcome, Organization and Plenary I

**Session** | **Location:** Illinois Ballroom | **Convener:** Naomi Makins

08:30–08:45

### Welcome to SPIN'16

**Speaker**

Matthias Grosse-Perdekamp

08:45–09:00

### Organization of SPIN'16

**Speaker**

Anselm Vossen

09:00–09:55

### Searching for the Electric Dipole Moment of the Neutron, the Holy Grail of Precision Measurements

**Speaker**

Chen-Yu Liu

09:55–10:50

### The Electron Ion Collider

**Speaker**

Elke-Caroline Aschenauer

10:50

# Wednesday 28 September

11:05

## Plenary: Plenary II

**Session** | **Location:** Illinois Ballroom | **Convener:** Caroline Kathrin Riedl

11:05-12:00

### 12 GeV CEBAF: The Physics and Experiments

#### Speaker

Volker Burkert

12:00-12:55

### 12 GeV CEBAF: Accelerator Systems and Polarized Beams

#### Speaker

Matt Poelker

12:55

14:30

## Plenary: Plenary III

**Session** | **Location:** Illinois Ballroom | **Convener:** Erhard Steffens

14:30-15:05

### Spin Physics in Exotic Nuclei and Perspectives for FRIB

#### Speaker

Hironori Iwasaki

15:05-15:40

### Polarized Fusion, its Implications and Plans for Direct Measurements in a Tokamak Plasma

#### Speaker

Sterling Smith

15:40-16:20

### Spin Physics at the A2 Real Photon Facility at MAMI

#### Speaker

Andreas Thomas

16:20

16:40

## Plenary: Plenary IV

**Session** | **Location:** Illinois Ballroom | **Convener:** Franco Bradamante

16:40-17:15

### Transverse Spin Physics: Theory

#### Speaker

Alexei Prokudin

17:15-17:50

### Experimental Overview of Transverse Spin Physics

#### Speaker

Dr Oleg Eyser

17:50-18:30

### Nucleon Spin Structure from Experiments using the Drell-Yan Process

#### Speaker

Catarina Marques Quintans

18:30

# Thursday 29 September

09:00

## Plenary: Plenary V

**Session** | **Location:** Illinois Ballroom | **Convener:** Mauro Anselmino

09:00–09:35

### AFTER@LHC: The Spin Physics Program

#### Speaker

Daniel Kikola

09:35–10:10

### Parton Fragmentation within Spin-Dependent TMD and Collinear Observables

#### Speaker

Daniel Pitonyak

10:10–10:50

### MESA: Status and Physics Program

#### Speaker

Kurt Aulenbacher

10:50

11:05

## Plenary: Plenary VI

**Session** | **Location:** Illinois Ballroom | **Convener:** elke-caroline Aschenauer

11:05–11:40

### Lattice QCD Overview

#### Speaker

Huey-Wen Lin

11:40–12:15

### Hadronic Light by Light Contributions to the Muon Anomalous Magnetic Moment from Lattice QCD Calculations

#### Speaker

Thomas Blum

12:15–12:55

### The Anomalous Magnetic Moment of the Muon: Future Measurements

#### Speaker

Peter Winter

12:55

14:30

## Plenary: Plenary VII

**Session** | **Location:** Illinois Ballroom | **Convener:** Donald Crabb

14:30–15:05

### Frozen Spin Targets for Nuclear and Particle Physics

#### Speaker

Christopher Keith

15:05–15:45

### Production of Highly Polarized Positrons Using Polarized Electrons at MeV Energies

#### Speaker

Joe Grames

15:45

# Friday 30 September

09:00

## Plenary: Plenary VIII

**Session** | **Location:** Illinois Ballroom | **Convener:** Paolo Lenisa

09:00–09:35

### High Precision beta decay measurements with polarized neutrons and nuclei

#### Speaker

Albert Young

09:35–10:10

### GPDs: Status and Future

#### Speaker

Kresimir Kumericki

10:10–10:50

### Accessing GPDs in High Energy Exclusive Processes

#### Speaker

Carlos Munoz Camacho

10:50

11:05

## Plenary: Plenary IX

**Session** | **Location:** Illinois Ballroom | **Convener:** Anna Martin

11:05–11:40

### The Longitudinal Spin Structure of the Proton: a Theory Overview

#### Speaker

Emanuele Roberto Nocera

11:40–12:15

### Nucleon Helicity Structure: Experimental Overview

#### Speaker

Alexander Bazilevsky

12:15–12:55

### Recent RHIC Performance Improvements with Polarized Beams

#### Speaker

Vincent Schoefer

12:55

14:30

## Plenary: Plenary X

**Session** | **Location:** Illinois Ballroom | **Convener:** Hideto Enyo

14:30–15:05

### Tetra-Neutron System Populated by Exothermic Double-Charge Exchange Reaction $4\text{He}(8\text{He},8\text{Be})$ at 190 MeV/u

#### Speaker

Susumu Shimoura

15:05–15:40

### Nucleon Spin Structure with Lepton Beams at low $Q^2$

#### Speaker

Karl Slifer

15:40–16:20

### Precision Electroweak Physics Using Parity Violating Electron Scattering

16:20  
16:40  
17:45

**Speaker**  
Kent Paschke

## Plenary: Plenary XI

**Session** | **Location:** Illinois Ballroom | **Convener:** Alan Krisch

16:40–17:30 **State and Future of Spin Physics**

**Speaker**  
Richard Milner