

Session Program

25-30 Sept 2016



22nd International Spin Symposium

Targets

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

Monday 26 September

11:05

Targets: Parallel I

Session | **Location:** Technology | **Convener:** Christopher Keith

11:05–11:30 **Summary of PSTP2015**

Speaker

Gerhard Alois Reicherz

11:30–11:55 **Polarized ^3He spin filters for neutron science**

Speaker

Thomas Gentile

11:55–12:20 **Polarimetries for the Polarized ^3He Target at JLab**

Speaker

Ngyuen Ton

12:20–12:45 **Tensor Polarized Deuteron Target at Jefferson Lab**

Speaker

Elena Long

12:55

14:30

Targets: Parallel II

Session | **Location:** Technology | **Convener:** Andreas Thomas

14:30–14:55

Latest results and future direction of the Bochum Polarized Target Group

Speaker

Gerhard Alois Reicherz

14:55–15:20 **Polarized Target Activity at the University of Virginia**

Speaker

Donald Crabb

15:20–15:45

Tensor polarization optimization and measurement for solid spin 1 targets

Speaker

Dustin Keller

15:45–16:10

Vertical pointing transverse polarized target system for the Drell-Yan experiment (E1039)

Speaker

Mikhail Yurov

16:10

16:40

Targets: Parallel III

Session | **Location:** Technology | **Convener:** Gerhard Alois Reicherz

16:40–17:05 **A New Solid Polarized Target for CLAS12**

Speaker

Dr James Maxwell

17:05-17:30

eHD at Jefferson Lab**Speaker**

Charles Hanretty

17:30-17:55

Magnesium di-Boride: A novel solution for a transversely polarized target holding field in CLAS12**Speaker**

Michael Lowry

17:55-18:20

Automated Microwave Frequency Control of Dynamically Polarized Targets**Speaker**

Gonaduwege Darshana-Perera

18:20

Tuesday 27 September

09:00

Targets: Parallel IV

Session | **Location:** Technology | **Convener:** Christopher Keith

09:00–09:25

Development of deuterated polymer polarized targets

Speaker

Li Wang

09:25–09:50

Influence of Irradiation on Dynamic Nuclear Polarization of polyethelyne and polypropylene

Speaker

Scott Reeve

09:50–10:15

A thin, superconducting magnet for the Polarized Target

Speaker

Marcel Bornstein

10:15

11:05

Targets: Parallel V

Session | **Location:** Technology | **Convener:** Jaakko Henrik Koivuniemi

11:05–11:30

COMPASS Polarized Target for Drell-Yan

Speaker

Jan Matousek

11:30–11:55

The Polarized Target for Polarized Drell-Yan Experiment in COMPASS at CERN

Speaker

Genki Nukazuka

11:55–12:20

GDH Sum Rule Test of Deuteron from Photodisintegration below 20 MeV using HiFROST

Speaker

Pilneyo Seo

12:20–12:45

Polarized ^3He Target at JLab

Speaker

Jian-Ping Chen

12:45

14:30

Targets: Parallel VI

Session | **Location:** Technology | **Convener:** Thomas Gentile

14:30–14:55

A renewed dual hydrogen and deuterium polarized target at COSY in the PAX frame

Speaker

Giuseppe Ciullo

14:55–15:20

A HERMES-type GasTarget, Internal to the LHC for the Study of pp Single-spin and Heavy Ion Collisions**Speaker**

Paolo Lenisa

15:20–15:45

Polarized ^3He ABS for nEDM Experiment at SNS**Speaker**

Evgeni Tsentalovich

15:45–16:10

The PULSTAR systematic studies test apparatus for the SNS nEDM experiment**Speaker**

Kent Leung

16:10–16:30

Enhanced Quantum Efficiency of Strained GaAs/GaAsP Superlattice Photocathode with Distributed Bragg Reflector**Speaker**

Wei Liu

16:30

16:40

Targets: Parallel VII**Session** | **Location:** Technology | **Convener:** Matt Poelker

16:40–17:05

Polarized $^3\text{He}^{++}$ Ion Source Development for RHIC**Speaker**

Anatoli Zelenski

17:05–17:30

Polarized Ion Sources Development at RHIC**Speaker**

Anatoli Zelenski

17:30–17:55

Molecular Beam of Polarized Hydrogen**Speaker**

Dmitriy Toporkov

17:55–18:20

Optical pumping of negative ions**Speaker**

Vadim Dudnikov

18:20

Wednesday 28 September

09:00

Targets: Parallel VIII

Session | **Location:** Alma Mater | **Convener:** Joe Grames

09:00–09:25

Developing a vortex electron beam source for nuclear physics

Speaker

Dipangkar Dutta

09:25–09:50

High energy X-ray vortex generation using inverse Compton scattering

Speaker

Dr Yoshitaka Taira

09:50–10:15

eRHIC high-current, high-charge polarized electron source R&D in BNL

Speaker

Erdong Wang

10:15–10:40

Electron Source for MESA

Speaker

Kurt Aulenbacher

10:40