Opportunities for Polarized Physics at Fermilab

Report of Contributions

https://indico.fnal.gov/e/6824

Contribution ID: **0** Type: **not specified**

Welcome & Introduction

Monday, 20 May 2013 09:00 (15 minutes)

Presenter: Prof. AIDALA, Christine (University of Michigan)

Session Classification: Monday Morning I

Contribution ID: **1** Type: **not specified**

Polarized Drell-Yan at Fermilab

Monday, 20 May 2013 09:15 (30 minutes)

Primary author: Prof. LORENZON, Wolfgang (University of Michigan)

Presenter: Prof. LORENZON, Wolfgang (University of Michigan)

Session Classification: Monday Morning I

Contribution ID: **2** Type: **not specified**

Measuring the Proton EDM at Fermilab

Monday, 20 May 2013 09:45 (30 minutes)

Primary author: Dr SEMERTZIDIS, Yannis (Brookhaven National Laboratory)

Presenter: Dr SEMERTZIDIS, Yannis (Brookhaven National Laboratory)

Session Classification: Monday Morning I

Contribution ID: **3** Type: **not specified**

Overview of the Neutrino Program at Fermilab

Monday, 20 May 2013 10:15 (30 minutes)

Primary author: Dr RAMEIKA, Regina (Fermilab)

Presenter: Dr RAMEIKA, Regina (Fermilab)

Session Classification: Monday Morning I

Contribution ID: **4** Type: **not specified**

Polarized Beams and Violent Collisions of Spinning Protons: Past, Present, and Possibly at Fermilab

Monday, 20 May 2013 11:15 (45 minutes)

Primary author: Prof. KRISCH, Alan (University of Michigan)

Presenter: Prof. KRISCH, Alan (University of Michigan)

Session Classification: Monday Morning II

Contribution ID: **5** Type: **not specified**

Project X

Monday, 20 May 2013 12:00 (30 minutes)

Primary author: Dr KRONFELD, Andreas (Fermilab)

Presenter: Dr KRONFELD, Andreas (Fermilab)

Session Classification: Monday Morning II

Contribution ID: **6** Type: **not specified**

The COMPASS Polarized Drell-Yan Program

Monday, 20 May 2013 13:30 (30 minutes)

Primary author: Prof. GROSSE PERDEKAMP, Matthias (University of Illinois at Urbana-Champaign)

Presenter: Prof. GROSSE PERDEKAMP, Matthias (UIUC)

Session Classification: Monday Afternoon I

Contribution ID: **7** Type: **not specified**

Summary of BNL Polarized p+A Workshop

Monday, 20 May 2013 14:00 (30 minutes)

Primary author: Dr JIANG, Xiaodong (Los Alamos National Laboratory)

Presenter: Dr JIANG, Xiaodong (Los Alamos National Laboratory)

Session Classification: Monday Afternoon I

Contribution ID: **8** Type: **not specified**

Energy Evolution for the Sivers Asymmetries in Hard Processes

Monday, 20 May 2013 14:30 (30 minutes)

Primary author: Dr YUAN, Feng (Lawrence Berkeley National Laboratory)

Presenter: Dr YUAN, Feng (Lawrence Berkeley National Laboratory)

Session Classification: Monday Afternoon I

Contribution ID: **9** Type: **not specified**

Fermilab E906/SeaQuest: Current Status

Monday, 20 May 2013 15:30 (30 minutes)

Primary author: Dr DIEFENTHALER, Markus (University of Illinois at Urbana-Champaign)

Presenter: Dr DIEFENTHALER, Markus (University of Illinois at Urbana-Champaign)

Session Classification: Monday Afternoon II

Contribution ID: **10** Type: **not specified**

EDM Searches at COSY

Monday, 20 May 2013 16:00 (30 minutes)

Primary author: Prof. RATHMANN, Frank (Forschungszentrum Juelich)

Presenter: Prof. RATHMANN, Frank (Forschungszentrum Juelich)

Session Classification: Monday Afternoon II

Contribution ID: **11** Type: **not specified**

Reliability of Predictions for the Single-Spin Asymmetry in Drell-Yan

Monday, 20 May 2013 16:30 (30 minutes)

Primary author: Prof. COLLINS, John (Penn State University)

Presenter: Prof. COLLINS, John (Penn State)

Session Classification: Monday Afternoon II

Contribution ID: **13** Type: **not specified**

The Physics of EDMs

Tuesday, 21 May 2013 09:00 (30 minutes)

Primary author: Prof. RITZ, Adam (University of Victoria)

Presenter: Prof. RITZ, Adam (University of Victoria)

Session Classification: Tuesday Morning I

Contribution ID: **14** Type: **not specified**

The Electron EDM in Storage Rings and Systematic Error Studies

Tuesday, 21 May 2013 09:30 (30 minutes)

Primary author: Dr MORSE, William (Brookhaven National Laboratory)

Presenter: Dr MORSE, Bill (Brookhaven National Laboratory)

Session Classification: Tuesday Morning I

Contribution ID: **15** Type: **not specified**

Beam and Spin Dynamics

Tuesday, 21 May 2013 10:00 (30 minutes)

Primary author: Prof. BERZ, Martin (Michigan State University)

Presenter: Prof. BERZ, Martin (Michigan State University)

Session Classification: Tuesday Morning I

Contribution ID: **16** Type: **not specified**

Accelerating Polarized Protons: Lessons from the AGS and RHIC

Tuesday, 21 May 2013 11:00 (45 minutes)

Primary author: Dr BAI, Mei (Brookhaven National Laboratory)

Presenter: Dr BAI, Mei (Brookhaven National Laboratory)

Session Classification: Tuesday Morning II

Contribution ID: **17** Type: **not specified**

Polarimetry at the AGS and RHIC

Tuesday, 21 May 2013 11:45 (30 minutes)

Primary author: Dr MAKDISI, Yousef (Brookhaven National Laboratory)

Presenter: Dr MAKDISI, Yousef (Brookhaven National Laboratory)

Session Classification: Tuesday Morning II

Contribution ID: **18** Type: **not specified**

TMDs and Spin Asymmetries in Drell-Yan

Tuesday, 21 May 2013 14:00 (30 minutes)

Primary author: Dr QIU, Jianwei (Brookhaven National Laboratory)

Presenter: Dr QIU, Jianwei (Brookhaven National Laboratory)

Session Classification: Tuesday Afternoon I

Contribution ID: **19** Type: **not specified**

TMD Phenomenology and A_N in pp Collisions

Tuesday, 21 May 2013 14:30 (30 minutes)

Primary author: Prof. D'ALESIO, Umberto (University of Cagliari)

Presenter: Prof. D'ALESIO, Umberto (University of Cagliari)

Session Classification: Tuesday Afternoon I

Contribution ID: **20** Type: **not specified**

Precision Tracking with Runge-Kutta Integration and Benchmarking Progress

Wednesday, 22 May 2013 09:00 (30 minutes)

Primary author: Dr SEMERTZIDIS, Yannis (Brookhaven National Laboratory)

Presenter: Dr SEMERTZIDIS, Yannis (Brookhaven National Laboratory)

Session Classification: Wednesday Morning I

Contribution ID: **21** Type: **not specified**

Precision Tracking of Beam Dynamics: COSY-Infinity

Wednesday, 22 May 2013 09:30 (30 minutes)

Primary author: Prof. MAKINO, Kyoko (Michigan State University)

Presenter: Prof. MAKINO, Kyoko

Session Classification: Wednesday Morning I

Contribution ID: **22** Type: **not specified**

A Polarized Proton Source for Fermilab

Tuesday, 21 May 2013 13:30 (30 minutes)

Primary author: Prof. BELOV, Alexander (JINR)

Presenters: Prof. BELOV, Alexander (JINR); Dr RAYMOND, Richard (University of Michigan)

Session Classification: Tuesday Afternoon I

Contribution ID: **23** Type: **not specified**

Polarized Target R&D II

Wednesday, 22 May 2013 13:30 (30 minutes)

Primary author: Prof. MIYACHI, Yoshiyuki (Yamagata University)

Presenter: Prof. MIYACHI, Yoshiyuki (Yamagata University)

Session Classification: Wednesday Afternoon I

Contribution ID: **24** Type: **not specified**

Polarized Target R&D I

Wednesday, 22 May 2013 11:30 (30 minutes)

Primary author: Dr LIU, Kun (Los Alamos National Laboratory)

Presenter: Dr LIU, Kun (Los Alamos National Laboratory)

Session Classification: Wednesday Morning II

Contribution ID: **25** Type: **not specified**

Polarized Drell-Yan at PAX

Wednesday, 22 May 2013 15:00 (30 minutes)

Primary author: Prof. RATHMANN, Frank (Forschungszentrum Juelich)

Presenter: Prof. RATHMANN, Frank (Forschungszentrum Juelich)

Session Classification: Wednesday Afternoon II

Contribution ID: **26** Type: **not specified**

Opportunities for Spin Physics at NICA

Wednesday, 22 May 2013 14:00 (30 minutes)

Primary author: Prof. KOUZNETSOV, Oleg (JINR)

Presenter: Prof. KOUZNETSOV, Oleg (JINR)

Session Classification: Wednesday Afternoon I

Contribution ID: **27** Type: **not specified**

Kane Pumplin Repko Factorization and Precision Tests of Collins Conjugation

Wednesday, 22 May 2013 15:30 (30 minutes)

Primary author: Dr SIVERS, Dennis (Portland Physics Institute/University of Michigan)

Presenter: Dr SIVERS, Dennis (Portland Physics Institute)

Session Classification: Wednesday Afternoon II

Contribution ID: **28** Type: **not specified**

Leapfrog Tracking of the Electrostatic Ring for the pEDM

Wednesday, 22 May 2013 10:00 (30 minutes)

Primary author: Dr LUCCIO, Alfredo (Brookhaven National Laboratory)

Presenter: Dr LUCCIO, Alfredo (Brookhaven National Laboratory)

Session Classification: Wednesday Morning I

Contribution ID: **29** Type: **not specified**

Resurrecting the 1955 Brookhaven All-Electric AGS Electron Analogue Ring

Wednesday, 22 May 2013 11:00 (30 minutes)

Primary author: Prof. TALMAN, Richard (Cornell University)

Presenter: Prof. TALMAN, Richard (Cornell University)

Session Classification: Wednesday Morning II

Contribution ID: **30** Type: **not specified**

Opportunity for a Polarized Target Drell-Yan Experiment at Fermilab

Tuesday, 21 May 2013 15:30 (15 minutes)

Primary author: Dr LIU, Ming (Los Alamos National Lab)

Presenter: Dr LIU, Ming (Los Alamos National Lab)

Session Classification: Open Discussion and Informal Presentations