nuSTORM Workshop

Report of Contributions

https://indico.fnal.gov/e/7440

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

Welcome

Thursday, 21 November 2013 10:00 (10 minutes)

Session Classification: Intro and Updates

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

Introduction

Thursday, 21 November 2013 10:10 (30 minutes)

Presenter: Prof. BROSS, Alan (Fermilab)

Session Classification: Intro and Updates

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

Update - proton beam line

Thursday, 21 November 2013 10:40 (20 minutes)

Presenter: Mr GEELHOED, Michael (fermilab AD/EBD)

Session Classification: Intro and Updates

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

Update - Pion Production

Thursday, 21 November 2013 11:00 (20 minutes)

Presenter: Dr STRIGANOV, Sergei (Fermilab)

Session Classification: Intro and Updates

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

Pion Beam Line

Co-authors: Prof. BROSS, Alan (Fermilab); Mr LIU, Ao (Indiana University/Fermilab)

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

Pion beam line

Thursday, 21 November 2013 11:20 (35 minutes)

Presenter: Mr LIU, Ao (Indiana University/Fermilab)

Session Classification: Intro and Updates

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

nuSTORM sterile search analysis update

Thursday, 21 November 2013 14:00 (40 minutes)

Presenter: Dr BAYES, Ryan (Glasgow)

Session Classification: SBL Oscillation

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

SuperBIND - Update on magnetization

Thursday, 21 November 2013 15:30 (15 minutes)

Presenter: Prof. BROSS, Alan (Fermilab)

Session Classification: Detectors

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

Magnetized LAr

Thursday, 21 November 2013 15:45 (30 minutes)

Presenter: GUIMARAES, Caroline (York University)

Session Classification: Detectors

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

nuSTORM at the ESS

Friday, 22 November 2013 12:00 (30 minutes)

Presenter: Dr DRACOS, Marcos (IPHC-IN2P3/CNRS)

Session Classification: nuSTORM Options

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

nuSTORM utilizing the LBNE target station

Friday, 22 November 2013 14:00 (30 minutes)

Presenter: Dr POPOVIC, Milorad (FNAL)

Session Classification: nuSTORM Options

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

Search for steriles, the landscape 3-5 years out

Thursday, 21 November 2013 15:00 (30 minutes)

Presenter: Prof. LINK, Jonathan (Virginia Tech)

Session Classification: SBL Oscillation

Contribution ID: **12** Type: **not specified**

Present status of theory/phenomenology of light sterile neutrinos

Thursday, 21 November 2013 13:30 (30 minutes)

Presenter: Prof. DE GOUVEA, Andre (Northwestern University)

Session Classification: SBL Oscillation

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

Racetrack FFAG ring

Thursday, 21 November 2013 11:55 (35 minutes)

Presenter: Mr LAGRANGE, jean-baptiste (kyoto university)

Session Classification: Intro and Updates

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

Expected status of Neutrino scattering in 2020

Friday, 22 November 2013 09:00 (25 minutes)

Presenter: Prof. CAVANNA, Flavio (Yale University)

Session Classification: Neutrino Interaction Physics

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

Outline fo nuSTORM neutrino scattering program

Friday, 22 November 2013 09:25 (25 minutes)

Presenter: MORFIN, Jorge G. (Fermilab)

Session Classification: Neutrino Interaction Physics

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

nuSTORM near detector flux with erros

Friday, 22 November 2013 09:50 (25 minutes)

Presenter: YU, Mitchell (York University)

Session Classification: Neutrino Interaction Physics

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

Break

Friday, 22 November 2013 10:15 (20 minutes)

Session Classification: Neutrino Interaction Physics

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

nuSTORM near detector designs

Friday, 22 November 2013 10:35 (25 minutes)

Presenter: Dr NOAH MESSOMO, Etam (University of Geneva)

Session Classification: Neutrino Interaction Physics

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

Expected nuSTORM measurement accuracy

Friday, 22 November 2013 11:00 (30 minutes)

Presenter: SANTOS, Edward (Imperial College)

Session Classification: Neutrino Interaction Physics

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

Discussion

Friday, 22 November 2013 11:30 (30 minutes)

Session Classification: Neutrino Interaction Physics

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

nuSTORM with the Muon Accelerator Staging Scenario

Friday, 22 November 2013 14:30 (30 minutes)

Presenter: Dr ANKENBRANDT, Charles (Muons, Inc.)

Session Classification: nuSTORM Options

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

Break

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

Leptogenesis and neutrino oscillation CP violation

Friday, 22 November 2013 16:00 (1 hour)

Presenter: Dr KAYSER, Boris Kayser (Fermilab)

Session Classification: Wine & Cheese Seminar

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

Shower tagging in SuperBIND

Thursday, 21 November 2013 14:40 (20 minutes)

Presenter: Dr ADEY, David (Fermilab)

Session Classification: SBL Oscillation

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

Preparations for next WS

Friday, 22 November 2013 15:00 (20 minutes)

Presenter: MORFIN, Jorge G. (Fermilab)

Session Classification: Conclusions & Moving forward

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

Status of CERN participation

Friday, 22 November 2013 15:20 (20 minutes)

Presenter: Prof. LONG, Kenneth (Imperial College London)

Session Classification: Conclusions & Moving forward

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

Discussion

Friday, 22 November 2013 15:40 (20 minutes)

Session Classification: Conclusions & Moving forward