

nuSTORM 2012 Workshop



Report of Contributions

Contribution ID: **0**

Type: **not specified**

Welcome

Friday, September 21, 2012 8:30 AM (10 minutes)

Presenter: Dr ODDONE, Pier (Fermilab)

Contribution ID: 1

Type: **not specified**

nuSTORM Overview

Friday, September 21, 2012 8:40 AM (20 minutes)

Presenter: Prof. BROSS, Alan (Fermilab)

Contribution ID: 2

Type: **not specified**

Oscillation physics beyond 3 neutrino mixing

Friday, September 21, 2012 9:00 AM (40 minutes)

Presenter: Dr KAYSER, Boris (Fermilab)

Contribution ID: 3

Type: **not specified**

Detector simulation & performance

Friday, September 21, 2012 9:40 AM (30 minutes)

Presenter: Dr BAYES, Ryan (Glasgow)

Contribution ID: 4

Type: **not specified**

Oscillation physics reach & optimization

Friday, September 21, 2012 10:30 AM (30 minutes)

Presenter: TUNNELL, Chris (University of Oxford)

Contribution ID: 5

Type: **not specified**

Coffee

Friday, September 21, 2012 10:10 AM (20 minutes)

Contribution ID: 6

Type: **not specified**

The AIDA neutrino detector R&D plans and their relevance to nuSTORM

Friday, September 21, 2012 11:00 AM (30 minutes)

Presenter: MESSOMO, Etam Noah (University of Geneva)

Contribution ID: 7

Type: **not specified**

Neutrino interaction physics at near hall and near detector options

Friday, September 21, 2012 11:30 AM (45 minutes)

Presenter: Prof. MISHRA, Sanjib (University of South Carolina)

Contribution ID: 9

Type: **not specified**

Lunch

Friday, September 21, 2012 12:15 PM (1h 15m)

Contribution ID: **10**

Type: **not specified**

Synergy with Long-baseline program

Friday, September 21, 2012 1:30 PM (30 minutes)

Presenter: Dr ZELLER, Sam (FNAL)

Contribution ID: **11**

Type: **not specified**

NuSTORM Beamline: Radiological Issues

Friday, September 21, 2012 2:00 PM (30 minutes)

Presenter: Dr VAZIRI, Kamran (FNAL)

Contribution ID: 12

Type: **not specified**

Capture/Collection/Transport

Friday, September 21, 2012 3:00 PM (30 minutes)

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

Contribution ID: 13

Type: **not specified**

Decay ring - FODO

Saturday, September 22, 2012 9:00 AM (30 minutes)

Presenter: Dr NEUFFER, David (Fermilab)

Session Classification: Facility

Contribution ID: **14**

Type: **not specified**

Coffee

Friday, September 21, 2012 3:30 PM (30 minutes)

Contribution ID: 15

Type: **not specified**

Simulation Study for the 3.8GeV/c RFFAG Decay Ring

Saturday, September 22, 2012 10:00 AM (30 minutes)

Presenter: Dr SATO, Akira (Osaka University)

Session Classification: Facility

Contribution ID: 16

Type: **not specified**

Front end and injection options for FFAG

Saturday, September 22, 2012 11:00 AM (30 minutes)

Presenter: Dr PASTERNAK, Jaroslaw (Imperial College/RAF STFC)

Session Classification: Facility

Contribution ID: 17

Type: **not specified**

Decay ring instrumentation

Saturday, September 22, 2012 11:30 AM (30 minutes)

Presenter: Mr TASSOTTO, Gianni (FNAL)

Session Classification: Facility

Contribution ID: **18**

Type: **not specified**

Oscillation program after the discovery of sterile neutrinos

Saturday, September 22, 2012 1:30 PM (30 minutes)

Presenter: Prof. HUBER, Patrick (Virginia Tech)

Session Classification: Plenary

Contribution ID: **19**

Type: **not specified**

Evolution of the Facility -> NF

Saturday, September 22, 2012 2:00 PM (30 minutes)

Presenter: Dr POPOVIC, Milorad (FNAL)

Session Classification: Plenary

Contribution ID: **20**

Type: **not specified**

Evolution of the facility -> MC

Contribution ID: 21

Type: **not specified**

International perspective

Saturday, September 22, 2012 2:30 PM (30 minutes)

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

Session Classification: Plenary

Contribution ID: 22

Type: **not specified**

Costing

Saturday, September 22, 2012 3:30 PM (30 minutes)

Presenters: Prof. BROSS, Alan (Fermilab); DIXON, Steve (Fermi National Accelerator Laboratory)

Session Classification: Plenary

Contribution ID: 23

Type: **not specified**

Discussion/Conclusions

Saturday, September 22, 2012 4:00 PM (1 hour)

Session Classification: Plenary

Contribution ID: 24

Type: **not specified**

Targeting and horn Capture

Friday, September 21, 2012 2:30 PM (30 minutes)

Presenter: Dr STRIGANOV, Sergei (Fermilab)

Contribution ID: 25

Type: **not specified**

Joint Experimental-Theoretical Seminar: Large theta13 – challenge and opportunity

Friday, September 21, 2012 4:00 PM (55 minutes)

Presenter: Prof. HUBER, Patrick (Virginia Tech)

Contribution ID: 26

Type: **not specified**

Electroweak Precision Tests with nuSTORM

Saturday, September 22, 2012 11:00 AM (30 minutes)

Presenters: TUNNELL, Chris (University of Oxford); AGARWALLA, Sanjib (IFIC)

Session Classification: Detector, MC & Analysis

Contribution ID: 27

Type: **not specified**

Prospects for LAr Detector at nuSTORM

Saturday, September 22, 2012 9:00 AM (30 minutes)

Presenter: Dr REBEL, Brian (Fermilab)

Session Classification: Detector, MC & Analysis

Contribution ID: 28

Type: **not specified**

History, Current Status and Future Needs on Far Detector Design and Optimization

Saturday, September 22, 2012 9:30 AM (1 hour)

Presenters: TUNNELL, Chris (University of Oxford); Dr BAYES, Ryan (Glasgow)

Session Classification: Detector, MC & Analysis

Contribution ID: 29

Type: **not specified**

Discussion

Saturday, September 22, 2012 11:30 AM (1 hour)

Session Classification: Detector, MC & Analysis

Contribution ID: **30**

Type: **not specified**

Discussion

Saturday, September 22, 2012 12:00 PM (30 minutes)

Session Classification: Facility

Contribution ID: 31

Type: **not specified**

Design study of race-track FFAG ring for nuSTORM

Saturday, September 22, 2012 9:30 AM (30 minutes)

Presenter: Prof. MORI, Yoshiharu (Kyoto University, Research Reactor Institute)

Session Classification: Facility

Contribution ID: **32**

Type: **not specified**

Meeting Talks.zip

Saturday, September 22, 2012 5:00 PM (20 minutes)

Session Classification: Plenary