

# **State of the Nu-tion pre-meeting**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Introduction and logistics**

*Friday, 23 June 2017 09:00 (30 minutes)*

**Presenter:** MAHN, Kendall (Michigan State University)

**Session Classification:** Welcome and Introduction

Contribution ID: 1

Type: **not specified**

## **T2K CC0pi cross section measurement**

*Friday, 23 June 2017 09:30 (1 hour)*

**Presenter:** Mr DOLAN, Stephen (University of Oxford)

**Session Classification:** Deep dives

Contribution ID: 2

Type: **not specified**

## **MINERvA CC0pi cross section measurement**

*Friday, 23 June 2017 11:00 (1 hour)*

**Presenter:** Dr RUTERBORIES, Daniel (University of Rochester)

**Session Classification:** Deep dives

Contribution ID: 3

Type: **not specified**

## ArgoNeuT CC coherent analysis

*Friday, 23 June 2017 12:00 (30 minutes)*

**Presenter:** YANG, Tingjun (FNAL)

**Session Classification:** Deep dives

Contribution ID: 4

Type: **not specified**

## **NOvA cross section measurement approach so far**

*Friday, 23 June 2017 14:00 (30 minutes)*

**Presenter:** Dr MUETHER, Mathew (Wichita State University)

**Session Classification:** Deep dives

Contribution ID: 5

Type: **not specified**

## Discussion

*Friday, 23 June 2017 14:30 (30 minutes)*

**Session Classification:** Deep dives

Contribution ID: 6

Type: **not specified**

## **Summary of domain adversarial approach to systematics and some simple results (MINERvA)**

*Friday, 23 June 2017 15:00 (30 minutes)*

**Presenter:** Dr GHOSH, Anushree

**Session Classification:** Detector systematics and reconstruction



Contribution ID: 7

Type: **not specified**

## **MicroBooNE as a Laboratory for Studying $\nu$ + Ar Interactions**

*Friday, 23 June 2017 16:00 (30 minutes)*

**Presenter:** Dr MOUSSEAU, Joel (University of Michigan)

**Session Classification:** Detector systematics and reconstruction

Contribution ID: 8

Type: **not specified**

## **NINJA: particle ID with emulsion detectors**

*Friday, 23 June 2017 16:30 (30 minutes)*

**Presenter:** Dr FUKUDA, Tsutomu (Nagoya University)

**Session Classification:** Detector systematics and reconstruction

Contribution ID: 9

Type: **not specified**

## Discussion

*Friday, 23 June 2017 17:00 (30 minutes)*

**Session Classification:** Detector systematics and reconstruction

Contribution ID: **10**

Type: **not specified**

## **MINERvA CCQE recoil analysis vs CC0pi**

*Saturday, 24 June 2017 09:30 (30 minutes)*

**Presenter:** Dr BETANCOURT, Minerba (Fermilab)

**Session Classification:** Choice of observables

Contribution ID: **11**

Type: **not specified**

## Discussion

*Saturday, 24 June 2017 10:00 (30 minutes)*

**Session Classification:** Choice of observables

Contribution ID: 12

Type: **not specified**

## **Introduction to NUISANCE**

*Saturday, 24 June 2017 11:00 (30 minutes)*

**Presenter:** Mr WRET, Clarence (Imperial College London)

**Session Classification:** Cross-section systematics

Contribution ID: 13

Type: **not specified**

## **Background subtraction when model is horribly wrong: lessons from MINERvA**

*Saturday, 24 June 2017 11:30 (30 minutes)*

**Presenter:** Dr HARRIS, Deborah

**Session Classification:** Cross-section systematics

Contribution ID: 14

Type: **not specified**

## Discussion

*Saturday, 24 June 2017 12:00 (30 minutes)*

**Session Classification:** Cross-section systematics



Contribution ID: 15

Type: **not specified**

## **Unfolding and pathologies**

*Saturday, 24 June 2017 14:00 (45 minutes)*

**Presenter:** Dr KUUSELA, Mikael

**Session Classification:** Unfolding

Contribution ID: 16

Type: **not specified**

## **Example of analysis without unfolding**

*Saturday, 24 June 2017 14:45 (20 minutes)*

**Presenter:** Mr KOCH, Lukas

**Session Classification:** Unfolding

Contribution ID: 17

Type: **not specified**

## **Data releases and complications. Do we need unfolding?**

*Saturday, 24 June 2017 15:05 (25 minutes)*

**Presenter:** Dr WASCKO, Morgan (Imperial College London)

**Session Classification:** Unfolding