Session Program

2-6 Oct 2023

NuXTract 2023 - Towards a consensus in neutrino cross sections

Experiment Overview

CERN, 222/R-001

Tuesday 3 October

10:00

Experiment Overview
Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:** Clarence Wret, Dr Clarence Wret

10:00–10:20 **NOvA's approach to cross-section analyses and publishing results**

Speakers
Gregory Pawloski, Gregory Pawloski

10:30

11:00

Experiment Overview
Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:**
Dr Clarence Wret, Laura Munteanu, Clarence Wret, Laura-Iuliana Munteanu

11:00–11:20 **MINERvA's experience of cross-section extraction methods**

Speaker
Mx Noah Vaughan

11:30–11:50

Cross-section extraction using template fitting in T2K cross-section measurements

Speakers
Margherita Buizza Avanzini, Margherita Buizza Avanzini

12:10

Wednesday 4 October

09:00

Experiment Overview
Session | **Location:** CERN, 513/1-024 | **Convener:** Pablo Samuel Barham Alzas

09:00–09:20 **MicroBooNE's approach to exclusive cross-section measurements**

Speaker
Afroditi Papadopoulou

09:30–09:50 **MicroBooNE's approach to inclusive cross-section measurements**

Speaker
Bannanje Nitish Nayak

10:00–10:20

Preview of new techniques for future MicroBooNE cross-section data releases

Speaker
Steven Gardiner

10:30

15:15

Experiment Overview
Session | **Location:** CERN, 222/R-001

15:15–15:30

A modified slicing method with multi-dimensional unfolding to measure hadron-argon cross-section on ProtoDUNE-SP

Speaker
Yinrui Liu

15:30

Thursday 5 October

09:00

Experiment Overview
Session | **Location:** CERN, 222/R-001 | **Conveners:** Laura Munteanu, Laura-Iuliana Munteanu

09:00–09:20

Dealing with high dimensional efficiency corrections in T2K's cross-section measurements

Speakers
Sam Jenkins, Sam Jenkins

09:30–09:50 **Neutrino cross-section measurements in the NINJA experiment**

Speaker
Hitoshi Oshima

10:00

11:00

Experiment Overview
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11:00–11:15

Measuring an Argon-Kaon Plus Cross Section by Unfolding Thin-Slice Targets

Speaker
Richard Diurba

11:25–11:40

Likelihood-fit-based Pion-Ar Cross Section Measurement Using ProtoDUNE-SP

Speaker
Jacob Michael Calcutt

12:00