

Session Program

Oct 2 - 6, 2023



NuXTract 2023 - Towards a consensus in neutrino cross sections

Experiment Overview

CERN, 222/R-001

Tue, October 3

10:00 AM

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

10:30 AM

10:00 - 10:20 AM **NOvA's approach to cross-section analyses and publishing results**
Speakers
Gregory Pawloski, Gregory Pawloski

11:00 AM

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 AM **MINERvA's experience of cross-section extraction methods**
Speaker
Mx Noah Vaughan

12:10 PM

11:30 - 11:50 AM
Cross-section extraction using template fitting in T2K cross-section measurements
Speakers
Margherita Buizza Avanzini, Margherita Buizza Avanzini

Wed, October 4

9:00 AM

Experiment Overview

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

9:00 - 9:20 AM **MicroBooNE's approach to exclusive cross-section measurements**

Speaker

Afroditi Papadopoulou

9:30 - 9:50 AM **MicroBooNE's approach to inclusive cross-section measurements**

Speaker

Bannanje Nitish Nayak

10:00 - 10:20 AM

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

Speaker

Steven Gardiner

10:30 AM

3:15 PM

Experiment Overview

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

3:15 - 3:30 PM

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

Speaker

Yinrui Liu

3:30 PM

Thu, October 5

9:00 AM

Experiment Overview

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

9:00 - 9:20 AM

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

Speakers

Sam Jenkins, Sam Jenkins

9:30 - 9:50 AM

Neutrino cross-section measurements in the NINJA experiment

Speaker

Hitoshi Oshima

10:00 AM

11:00 AM

Experiment Overview

Session | **Location:** CERN, 222/R-001 | **Convener:** Pablo Samuel Barham Alzas

11:00 - 11:15 AM

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

Speaker

Richard Diurba

11:25 - 11:40 AM

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

Speaker

Jacob Michael Calcutt

12:00 PM