

Session Program

September 29, 2025 to October 3, 2025



XXI International Workshop on Neutrino Telescopes

Neutrino Physics

Palazzo del Bo and Centro Culturale San Gaetano, Aula Magna

Tue, September 30

2:30 PM

Neutrino Physics

Session | **Location:** Centro culturale Altinate San Gaetano, Main Auditorium

2:30 – 2:50 PM

Global Analysis of Neutrino Oscillations and Mass Constraints in the Era of Subpercent Precision

Speaker

Antonio Marrone

2:50 – 3:10 PM

MicroBooNE's beyond the Standard Model physics program

Speaker

Miquel Nebot Guinot

3:10 – 3:30 PM

Neutrino oscillations with atmospheric neutrinos in JUNO

Speaker

Vanessa Cerrone

3:30 – 3:50 PM

Neutrino and Beyond Standard Model Physics Searches at the CERN ProtoDUNE Detectors

Speaker

Ciaran Mark Hasnip

3:50 – 4:10 PM

Neutrino mass ordering sensitivity and Precision measurement of oscillation parameters in JUNO

Speaker

Han Zhang

4:10 – 4:40 PM

Coffee Break

4:40 – 5:00 PM

Latest results from the CUORE experiment

Speaker

Paolo Gorla

5:00 – 5:20 PM

The CUPID $0\nu\beta\beta$ experiment

Speaker

Shihong Fu

5:20 – 5:40 PM

LEGEND: $0\nu\beta\beta$ decay search with germanium detectors

Speaker

Dr Konstantin Gusev

5:40 – 6:00 PM

Status of the SuperNEMO Experiment and physics objectives

Speaker

Maros Petro

6:00 – 6:20 PM

The NEXT program and status of the NEXT-100 detector

Speaker

Brais Palmeiro Pazos

6:20 – 6:40 PM

Searches for Solar Neutrino in XENONnT experiment

Speaker

Giovanni Volta

6:40 – 7:00 PM

Enhancing Low-Energy Neutrino Sensitivity in Super-Kamiokande with the Wide-band Intelligent Trigger

Speaker

Lucas Nascimento Machado

7:00 PM

Wed, October 1

8:50 AM

Neutrino Physics

Session | **Location:** Centro culturale Altinate San Gaetano, Main Auditorium

8:50 – 9:10 AM **NA61/SHINE experiment for neutrino physics**

Speaker

Yusuke Koshio

9:10 – 9:30 AM

MicroBooNE's cross-section program for future long-baseline oscillations

Speaker

London Cooper Troendle

9:30 – 9:50 AM **Recent cross-section results from MicroBooNE**

Speaker

Jairo Rodriguez Rondon

9:50 – 10:10 AM **Neutron Production in Neutrino-Nucleus Interactions with T2K**

Speaker

Asit Srivastava

10:10 – 10:30 AM **Latest neutrino cross-section results from T2K**

Speaker

Ellen May Sandford

10:30 – 11:00 AM **Coffee Break**

11:00 – 11:20 AM

Search for coherent elastic neutrino-nucleus scattering with the NUCLEUS Experiment

Speaker

Mattia Atzori Corona

11:20 – 11:40 AM **The first neutrino mass measurement of HOLMES experiment**

Speaker

Lorenzo Ferrari Barusso

11:40 AM – 12:00 PM

Neutrino Physics with PTOLEMY: from the mass measurement to the CNB detection

Speaker

Francesca Maria Pofi

12:00 – 12:20 PM

First observation of reactor antineutrinos by coherent scattering with CONUS+

Speaker

Christian Buck

1:00 PM	<div>12:20 - 12:40 PM</div> <div>Neutrino studies with FASER</div> <div>Speaker</div> <div>Yuxiao Wang</div>
	<div>12:40 - 1:00 PM</div> <div>The Scattering and Neutrino Detector at the LHC</div> <div>Speaker</div> <div>Fabio Alicante</div>

Thu, October 2

8:50 AM

Neutrino Physics

Session | **Location:** Centro Culturale Altinate San Gaetano, Spazio 35

8:50 – 9:10 AM

Status of the Short-Baseline Near Detector at Fermilab

Speaker

Miquel Nebot Guinot

9:10 – 9:30 AM

Investigations of the MiniBooNE anomaly and sterile neutrinos with MicroBooNE

Speaker

Fan Gao

9:30 – 9:50 AM

Precision neutrino interaction measurements with the nuSCOPE experiment

9:50 – 10:10 AM

Solar and supernova neutrinos in DUNE

Speaker

Dr Daniele Guffanti

10:10 – 10:30 AM

Searches for physics beyond SM at DANSS

Speaker

Petr Gorovtsov

10:30 AM