

Session Program

11-14 Dec 2024



International Conference on Neutrinos and Dark Matter (NuDM- 2024)

Neutrino Experimental

Cairo - Egypt

Wednesday 11 December

09:00

Neutrino Experimental

Session | **Location:** Cairo - Egypt | **Convener:** Richard Ruiz

09:00–09:25

Neutrino physics with liquid scintillator detectors: the case of Borexino and JUNO

Speaker

Livia Ludhova

09:30–09:55

The KM3NeT detector: first results and perspectives

Speaker

Annarita Margiotta

10:00–10:25

Dark matter and new physics searches in first KM3NeT data

Speaker

Sara Rebecca Gozzini

10:30–10:55

Light vector mediators at direct detection experiments

Speaker

Valentina De Romeri

11:00

Friday 13 December

09:00

Neutrino Experimental

Session | **Location:** Cairo - Egypt | **Convener:** Marco Giammarchi

09:00–09:25 **Exotic Searches at ATLAS**

Speaker

Reda Tafirout

09:30–09:55

Exploring coherent elastic neutrino-nucleus scattering with NUCLEUS experiment

Speaker

Nicola Casali

10:00–10:25

Neutrinoless double beta decay search and dark matter search with KamLAND-Zen

Speaker

Kazumi Hata

10:30–10:55

Development of calibration method and performance evaluation for KamLAND2 prototype detector

Speaker

Jun Nakane

11:00–11:25

Decade work results from the NOvA experiment

Speaker

Oleg Samoylov

11:30

12:30

Neutrino Experimental

Session | **Location:** Cairo - Egypt | **Convener:** Nicola Casali

12:30–12:55

Enhancing $0\nu 2\beta$ Detection: The CROSS demonstrator's design and sensitivity goals

Speaker

David Cintas

Location

Cairo - Egypt

13:00–13:25

Pursuing Sources of Cosmic High-energy Neutrinos

Speaker

Shigeo Kimura

Location

Online

13:30-13:55

Searching for Neutrinoless Double Beta Decay with KamLAND-Zen: Latest Results and Future Prospects**Speaker**

Ömer Penek

Location

Online

14:00-14:25

Probing the Sterile Neutrino Dipole Portal with Coherent Elastic Solar Neutrino-Nucleus Scattering**Speaker**

M Mustamin

Location

Online

14:30-14:55

Probing Neutrino Charge Radii with Coherent Elastic Solar Neutrino-Nucleus Scattering**Speaker**

Onur Başlı

Location

Online

15:00-15:25

Partial $\mu - \tau$ symmetry from kinetic normalization**Speaker**

Nidal Chamoun

Location

Online

15:30