# **Session Program**

11-14 Dec 2024



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

Neutrino Experimental

Cairo - Egypt

# **Wednesday 11 December**

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

10:30-10:55 Light vector mediators at direct detection experiments

11:00

Speaker

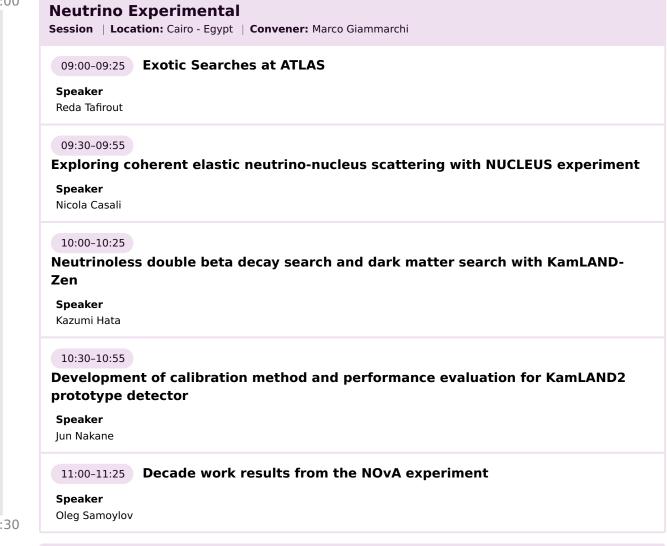
Speaker

Sara Rebecca Gozzini

Valentina De Romeri

## Friday 13 December

09:00



11:30

12:30

# Neutrino Experimental Session | Location: Cairo - Egypt | Convener: Nicola Casali 12:30-12:55 Enhancing 0ν2β 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