

Session Program

11-14 Dec 2024



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

Dark Matter Theory

Cairo - Egypt

Wednesday 11 December

11:30

Dark Matter Theory

Session | **Location:** Cairo - Egypt | **Convener:** Lino Miramonti

11:30-11:55 **Dark Dimension cosmology**

Speaker

Ignatios Antoniadis

Location

Online

12:00-12:25

Implications of $S_{gr,A}^{\ast}$ on the γ -rays searches of Bino Dark Matter with $(g-2)_{\mu}$

Speaker

Utpal Chattopadhyay

Location

Cairo - Egypt

12:30-12:55

Four scalar fields and $f(Q)$ gravity theory

Speaker

Gamal Nashed

Location

Cairo - Egypt

13:00-13:25

Neutrinos as possible probes for quantum gravity

Speaker

Marco Danilo Claudio Torri

Location

Cairo - Egypt

13:30

Thursday 12 December

11:30

Dark Matter Theory

Session | **Location:** Cairo - Egypt | **Convener:** Utpal Chattopadhyay

11:30-11:55

Probing pseudo-nambu-Goldstone dark matter evading direct detection bounds

Speaker

Takashi Toma

Location

Cairo - Egypt

12:00-12:25

ASTAROTH: an innovative detector with Silicon Photomultipliers and NaI(Tl) crystals for the direct detection of DM

Speaker

Valerio Toso

Location

Cairo - Egypt

12:30-12:55

Can teleparallel $f(T)$ models play a bridge between early and late time Universe?

Speaker

Sai Swagat Mishra

Location

Cairo - Egypt

13:00-13:25

Revisiting Clockwork scalar and Fermion Model: A Review of Theoretical Foundations and Experimental Progress

Speaker

Gayatri Ghosh

Location

Online

13:30