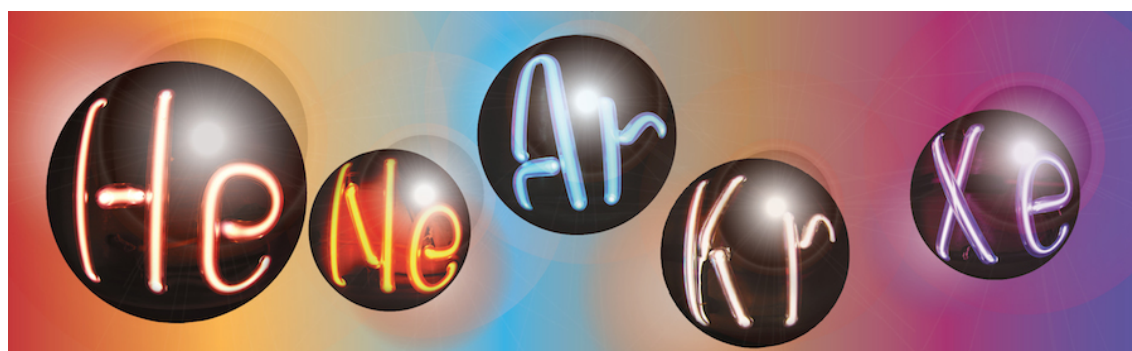


## Session Program

26-28 Aug 2024



# LIDINE 2024: Light Detection In Noble Elements

## *Applications*

# Monday 26 August

14:40

## Applications: Dark Matter

**Session** | **Location:** Instituto Principia | **Convener:** Roberto Santorelli

14:40–15:00 **The DarkSide-20k experiment**

**Speaker**

Nicola Canci

15:05–15:25

**Production and Characterization of Veto Photon-Detection Units for the DarkSide-20k Experiment**

**Speaker**

Maria Cecilia Queiroga Bazetto

15:30–15:50 **Characterization of low energy argon recoils with ReD and ReD+**

**Speaker**

Maximo David Ave Pernas

15:55–16:15 **Electric Fields and their Effects in the LUX-ZEPLIN Experiment**

**Speaker**

Sparshita Dey

16:15

# Tuesday 27 August

14:40

## Applications

**Session** | **Location:** Instituto Principia | **Convener:** Gustavo Valdivieso

15:00–15:20 **DUNE Photon Detection System**

**Speaker**

Gabriel Botogoske

15:20–15:40 **X-ARAPUCA PDE FOR DUNE FD-VD**

**Speaker**

Sergio Manthey Corchado

15:40–16:00

**Introducing APEX: a new concept for DUNE module 3 far detector photon detection system**

**Speaker**

Franciole Marinho

16:00–16:20 **POWER: A new concept for the DUNE FD3 Photon Detection System**

**Speaker**

Dr Andre Fabiano Steklain Lisboa

16:20

# Wednesday 28 August

11:10

## Applications

**Session** | **Location:** Istituto Principia | **Convener:** Nicola Canci

11:10-11:30

### Calibration and Timing Performance of the Light Detection System in the ICARUS Detector

**Speaker**

Matteo Vicenzi

11:35-11:55

### Enhanced electroluminescence in LXe on thin strips

**Speakers**

Amos Breskin, Gonzalo Martinez Lema, Vitali Tchepel

12:00-12:25

### Neutrinoless double-beta decay search with the LEGEND experiment

**Speaker**

Riccardo Brugnera

12:30