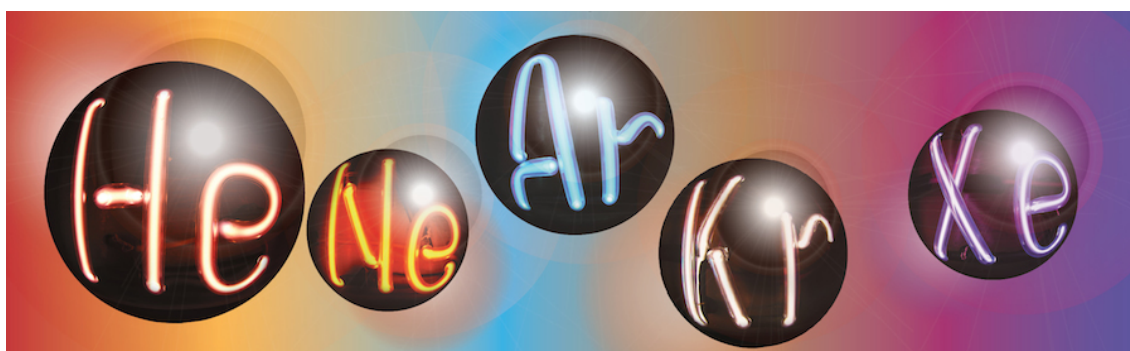


Session Program

26-28 Aug 2024



LIDINE 2024: Light Detection In Noble Elements
Light/Charge Readout

Sunday 25 August

11:00

Light/Charge Readout

Session | **Location:** Instituto Principia | **Convener:** Andre Fabiano Steklain Lisboa

11:00-11:20

Properties of charge recombination in liquid argon

Speaker

Ettore Segreto

11:25-11:45

The UV Laser Calibration System for measuring the electric field in the SBND detector

Speaker

Shivaraj Mulleria Babu

11:50-12:10

Charge-Light Matching of Ambient Low-Energy Activity in the DUNE Near Detector Prototypes

Speaker

Samuel James Fogarty

12:15-12:35

CHARMS250: A Cryogenic Front-End ASIC for Low-Noise Readout of Light or Charge Signals

Speaker

Prashansa Mukim

12:45

Monday 26 August

11:10

Light/Charge Readout

Session | **Location:** Istituto Principia | **Convener:** Ettore Segreto

11:10–11:30

New candidate polymeric wavelength shifters for noble liquid detectors

Speakers

Marcin Kuzniak, Sarthak Choudhary

11:30–11:50

Quality control of PEN wavelength shifter for DarkSide-20k veto

Speaker

Sarthak Choudhary

11:50–12:10

Advancements in SiPM Technology for Cryogenic Detectors for Dark Matter and Neutrino Research

Speaker

Francesco Di Capua

12:10–12:30

Mass test setup for the DUNE FD1 SiPMs characterization and first results

Speaker

Marco Guarise

12:30–12:50

Characterization of the Hamamatsu R12699-106-M4 2-inch Photomultipliers in MarmotX and XAMS

Speaker

Maricke Flierman

12:50