

Session Program

Oct 25 - 27, 2023

Workshop on Xenon Detector $0\nu\beta\beta$ Searches: Steps Towards the Kilotonne Scale

Session 1/1

SLAC, 48/1-112C/D - Redwood C/D
2575 Sand Hill Rd Menlo Park, CA 94025

Thu, October 26

4:00 PM

Session 1/1: Lightning talks

Session | **Location:** SLAC, 48/1-112C/D - Redwood C/D, 2575 Sand Hill Rd Menlo Park, CA 94025

16:00 - 16:07

Cherenkov Light Separation in LXe for Improved Background Rejection

Speaker

Ako Jamil

16:07 - 16:14

Solid Dreams: Advancing 0vbb and Dark Matter Detection with Crystalline Xenon TPCs

Speaker

Qing Xia

16:14 - 16:21

Solar Neutrino Detection via Charged Current Interactions at the Kilotonne Scale

Speaker

Glenn Richardson

16:21 - 16:28

Detecting Supernova Electron-Neutrinos in Large Xenon Detectors

Speaker

Samuel Hedges

16:28 - 16:35

FAT-GEM detectors for operation in noble elements

Speaker

Sara Leardini

16:35 - 16:42

R&D for LAr + Xe + photosensitive dopants

Speaker

Fernanda Psihas

16:42 - 16:49

TinyTPC - A test stand for photosensitive dopants

Speaker

Panagiotis Englezos

16:49 - 16:56

An Atmospheric Xenon TPC for Neutrinoless Double Beta Decay

Speaker

Nicholas Byrnes

16:56 - 17:03

MeV-scale internal calibration sources for large LXe detectors

Speaker

Brian Lenardo

17:03 - 17:10

^3He Neutron Capture in xenon gas experiments

Speaker

Leslie Rogers

5:10 PM