

Session Program

Oct 7 - 10, 2025



CPAD 2025 at Penn

RDC 1 Noble Element Detectors

Inn at Penn, University of Pennsylvania
3600 Sansom Street, Philadelphia, Pa 19104

Tue, October 7

2:00 PM

RDC 1 Noble Element Detectors

Session | **Location:** Woodlands CD | **Conveners:** Carmen Carmona, Jonathan Asaadi

2:00 – 2:20 PM **LAr Scintillating Bubble Chambers for Rare Event Searches**

Speaker

Daniel Pyda

2:20 – 2:40 PM

CrystalLiZe: Towards a neutrino-limited dark matter search with Crystal Xenon

Speaker

Dr Dan Hunt

Location

Woodlands CD

2:40 – 3:00 PM **Calibrating the LUX-ZEPLIN (LZ) Dark Matter Detector**

Speaker

Jack Genovesi

Location

Woodlands CD

3:00 – 3:20 PM **Calibration and Performance of the ICARUS Detector at Fermilab**

Speaker

Matteo Vicenzi

Location

Woodlands CD

4:00 PM

4:30 PM

RDC 1 Noble Element Detectors

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4:30 – 4:50 PM

Properties and mitigation strategies of high-voltage phenomena measured at the Stanford Liquid Xenon High-Voltage Observatory

Speaker

Lin Si

4:50 – 5:10 PM **Optimizing Dual-phase LArTPCs for Sub-keV signals**

Speaker

Shawn Westerdale

5:10 – 5:30 PM **Initial Results of Liquid Argon Doping Studies with TinyTPC**

Speaker

Hannah McCright

5:30 – 5:50 PM **Simulation of Noble Element Detectors with NEST**

6:15 PM

Speaker
Kian Trengove