

## **Session Program**

**7-10 Oct 2025**



## **CPAD 2025 at Penn**

### ***RDC 1 Noble Element Detectors***

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

## Tuesday 7 October

14:00

### RDC 1 Noble Element Detectors

**Session** | **Location:** Inn at Penn, University of Pennsylvania, 3600 Sansom Street, Philadelphia, Pa 19104

14:00–14:20

#### LAr Scintillating Bubble Chambers for Rare Event Searches

**Speaker**

Daniel Pyda

14:20–14:40

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

**Speaker**

Dr Dan Hunt

14:40–15:00

#### Calibrating the LUX-ZEPLIN (LZ) Dark Matter Detector

**Speaker**

Jack Genovesi

15:00–15:20

#### Calibration and Performance of the ICARUS Detector at Fermilab

**Speaker**

Matteo Vicenzi

15:20–15:40

#### The Noble Liquid Test Facility at Fermilab

**Speaker**

Flor de Maria Blaszczyk

16:00

16:30

### RDC 1 Noble Element Detectors

**Session** | **Location:** Inn at Penn, University of Pennsylvania, 3600 Sansom Street, Philadelphia, Pa 19104

16:30–16:50

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

**Speaker**

Lin Si

16:50–17:10

#### Optimizing Dual-phase LArTPCs for Sub-keV signals

**Speaker**

Shawn Westerdale

17:10–17:30

#### Initial Results of Liquid Argon Doping Studies with TinyTPC

**Speaker**

Hannah McCright

17:30–17:50

#### Simulation of Noble Element Detectors with NEST

**Speaker**

Kian Trengove

18:30