

Session Program

7-10 Oct 2025



CPAD 2025 at Penn

RDC 9 Calorimetry

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

Tuesday 7 October

14:00

RDC 9 Calorimetry

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

14:00–14:20

Latest result from the BNL 1ton Water-based Liquid Scintillator detector development

Speaker

Guang Yang

14:20–14:40

Development and performance of the BNL 30-ton scale Water-based Liquid Scintillator detector

Speaker

Guang Yang

14:40–15:00

Water results from Eos

Speaker

Prof. Gabriel Orebi Gann

15:00–15:20

Development of the novel 3D-projection opaque liquid scintillator calorimeter

Speaker

Guang Yang

15:20–15:40

WbLS results from Eos

Speaker

Eos collaboration

16:00

16:30

RDC 9 Calorimetry

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

16:30–16:50

Simulation and Design of Liquid Argon Positron Emission Tomography

Speaker

Thomas Murphy

16:50–17:10

Gamma Ray Detection in Liquid Argon Time Projection Chambers

Speaker

Thomas Murphy

17:10–17:30

A novel AmBe neutron source design for future large-scale liquid detector

Speaker

Guang Yang

17:30–17:50

Development of the FEB2 Readout Electronics for the ATLAS Liquid Argon Calorimeter HL-LHC Upgrade

17:50-18:10

Operation and performance of the new ATLAS LAr Calorimeter Trigger

Speaker

atlas-larg-speakers

18:10-18:30

Simulation of the CalVision crystal dual-readout calorimeter testbeam array

Speaker

Jon Wilson

18:30

Wednesday 8 October

11:00

RDC 9 Calorimetry

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

11:00–11:15

CalVision: Crystal characterization for calorimetry at the Future Circular Collider

Speaker

Bhavya Singhal

11:15–11:30

Results of Dual Readout single crystal test beam at Jefferson Lab and matrix test plans for CalVision

Speaker

Grace Cummings

11:30–11:45

Cosmic Ray Muon Detection and Commissioning with a Highly Granular Dual-Readout Fiber Calorimeter (HG-DREAM)

Speaker

Yongbin Feng

11:45–12:00

Performance of High Granularity Dual-Readout Fiber Calorimeter (HG-DREAM) with High Energy Particle Beams

Speaker

Nural Akchurin

12:00–12:15

Developing Digital Silicon Photomultiplier (dSiPM) Specifications for a High-Granularity Calorimeter with Simulations

Speaker

Christopher Madrid

12:15–12:30

The RADICAL Platform: A Modular Development Testbed for Fast-Timing Calorimetry and Beyond

Speaker

James William Wetzel

12:30–12:45

LFHCal for ePIC Detector at EIC

Speaker

Prakhar Garg

12:45