

Session Program

7-10 Oct 2025



CPAD 2025 at Penn

RDC 2 Photodectors

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

Wednesday 8 October

14:00

RDC 2 Photodectors

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

14:00–14:20

Innovative Back-Side Illuminated SiPMs (BSI-SiPMs): first results from the IBIS project

Speaker

Elisabetta Montagna

14:20–14:40

A Directional Skipper CCD Detector for MeV Scale Dark Matter

Speaker

Nora Hoch

14:40–15:00

Development of UV-Sensitive GaN Single Photon Geiger-Mode avalanche diodes

Speaker

Nepomuk Otte

15:00–15:20

Is lamination the key to large-area, uniform multi-well amorphous Selenium detectors?

Speaker

V. A. Chirayath

15:20–15:40

Novel optical readout scheme for UV photodetection in ZnO/noble-metal thin film devices using Surface Plasmon Resonance Spectroscopy

Speaker

Vivek Khichar

15:40–16:00

Fabrication and characterization of selenium alloys by co-deposition for application specific

Speaker

Kaitlin Hellier

16:00

16:30

RDC 2 Photodectors

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16:30–16:50

Develop the new generation DELTA photodetector

Speaker

Wei Shi

16:50–17:10

Novel High-Performance Single-Photon Detectors for Next Generation HEP Applications

Speaker

Mst Shamim Ara Shawkat

17:10–17:30

Dichroic Filter Characterization

Speaker

Amanda Bacon

17:30–17:50

Chemical Deposition of Wavelength Shifting Material p-Terphenyl for Photodetectors in DUNE Phase II FD APEX design

Speaker

Rado Fanantenana Razakamiandra

17:50–18:10

Recent Advances in Lead-free MCPs Functionalized by ALD for Photomultiplier Tubes

Speaker

Mr Cole Hamel

18:30

Thursday 9 October

14:00

RDC 2 Photodectors

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14:00–14:20

High performance RICH detector concept with HRPPD sensors for EIC Generic R&D

Speaker

Laura Brittany Havener

14:20–14:40

Measurements of Spectral Photon Sorting Using Dichroicons in Large Optical Neutrino Detectors

Speaker

Jieran Shen

14:40–15:00

Development, Characterization and Quality Control of Silicon Photomultipliers for the CMS Barrel Timing Layer

Speaker

Prof. Mitch Wayne

15:00–15:20

ProtoDUNE Vertical Drift (NP02) Photon Detection System Status

Speaker

Wei Shi

16:00