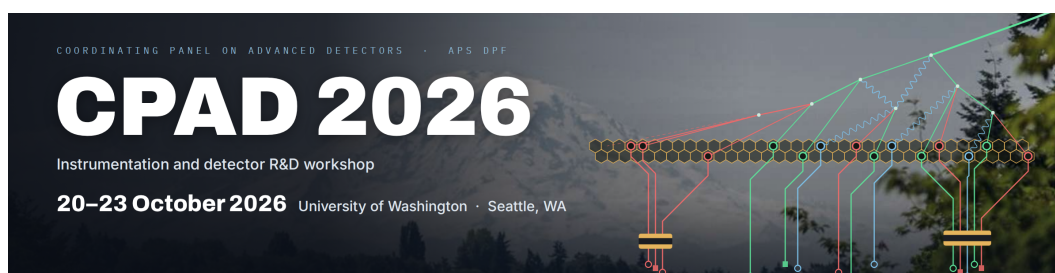


Session Program

20-23 Oct 2026



CPAD 2026 at Seattle

RDC 2 Photodetectors

University of Washington
Alder Hall, 1315 NE Campus Pkwy, Seattle, WA 98105

Wednesday 21 October

14:00

RDC 2 Photodetectors: VUV & large-area photon detection for noble liquids

Session | **Location:** Alder Hall, 107 | **Conveners:** Shiva Abbaszadeh, Jonathan Asaadi, F. Cavanna

14:00–14:20

DELTA: Next-Generation Scalable VUV-UV Photodetectors

Speakers

Flavio Cavanna, Wei Shi

14:20–14:40

Solvent coating of wavelength shifting materials for next-generation photodetector systems

Speaker

R. F. Razakamiandra

14:40–15:00

Photon Detection System R&D for DUNE FD3 with Industrial Wavelength-Shifting Coatings

Speaker

Matteo Vicenzi

15:00–15:20

R&D on Next-Generation of Power-over-Fiber for HEP Detectors

Speaker

Jairo H Rodriguez Rondon

15:20–15:40

Optical Properties of Materials under Liquid Xenon VUV Scintillation Light

Speaker

Edryd van Bruggen

15:40–15:57

Direct Detection of VUV Photons at Cryogenic Temperatures Using Amorphous Selenium: Recent Developments and Future Directions

Speaker

Varghese Anto Chirayath

16:00

16:30

RDC 2 Photodetectors: Novel photoconductors (a-Se) & low-noise solid-state imagers

Session | **Location:** Alder Hall, 107 | **Conveners:** Shiva Abbaszadeh, Flavio Cavanna

16:30–16:47

Optical and Electrical Characterization of Multilayer Amorphous Selenium-Tellurium Photodetectors

Speaker

Mr Teo Schnell

16:47–17:04

Fast and Low-Glow Sub-Electron Readout with Monolithic Skipper-CMOS Sensors

Speakers

Agustin Lapi, CLAUDIO CHAVEZ

17:04-17:21

p-channel MAS-CCD characterization results and instrumentation efforts

Speaker

Agustin Lapi

17:21-17:38

Backside-contact of Skipper CCDs using microwave annealing

Speaker

Blas Irigoyen Gimenez

17:38-17:56

Characterization of Germanium Charge-Coupled Devices toward Infrared Detectors for Spec-S5

Speaker

EMI TAMURA

17:56-18:13

Toward Autonomous Labs: Agentic Optimization and Active Surrogate Modeling for CCD Characterization

Speaker

Prashansa Mukim

18:32

Thursday 22 October

16:30

RDC 2 Photodetectors: Fast timing, photon sorting & imaging

Session | **Location:** Alder Hall, 103 | **Conveners:** Flavio Cavanna, Shiva Abbaszadeh

16:30–16:50

HRPPD Photosensors for High Energy and Nuclear Physics Experiments

Speaker

Bob Azmoun

16:50–17:10

Performance of the Eos Detector

Speaker

Lu Ren

17:10–17:30

Spectral Photon Sorting with Dichroicons in Eos and Beyond

Speaker

Samuel Naugle

17:30–17:50

Investigating plenoptic imaging of particle interactions in scintillation detectors

Speaker

Dr Jingke Xu

17:50–18:10

Characterization of Dielectrics for the DPHaSE Disordered Haloscope

Speaker

Madeleine Carhart

18:10–18:30

First Search for Axions with the Orpheus Resonant Dielectric Haloscope

Speaker

James Sinnis

18:35