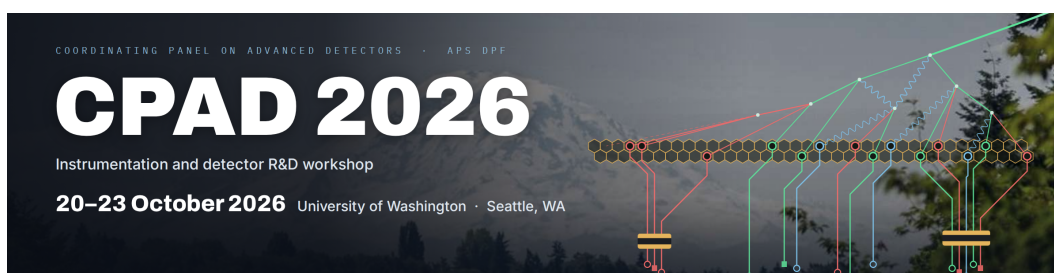


Session Program

20-23 Oct 2026



CPAD 2026 at Seattle

RDC 3 Solid State Tracking

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

Wednesday 21 October

16:30

RDC 3 Solid State Tracking

Session | **Location:** Maple Hall, Great Room

16:30–16:50

Synthetic Pixel-Detector Data for SNN Training with TCAD, Allpix2 and NEUROPix

Speaker

Sebastian Arturo Hortua

16:50–17:10

NEUROPix: Pixel Detector Clustering and Classification on the Edge with Spiking Neuromorphic Algorithms

Speaker

Larry Zhang

17:10–17:30

In-pixel machine learning in the presence of silicon detector noise

Speaker

Benjamin Parker Weiss

17:30–17:50

4D Fabric - A nifty solution to 4D Pixel detectors

Speaker

Timon Heim

17:50–18:10

The Selena Packaging Trajectory

Speaker

Edwin Lester Solis

18:10–18:30

Toward Sub-10 ps Time Resolution in InAs/GaAs Quantum Dot Scintillation Detector

Speaker

Michael Yakimov

18:30

Thursday 22 October

14:00

RDC 3 Solid State Tracking

Session | **Location:** Maple Hall, Great Room

14:00–14:20 **Performance of AC-LGADs for ePIC time of flight layers**

Speaker

Dr Simone Michele Mazza

14:20–14:40

Test-beam results for machine-learning based reconstruction of resistive silicon sensors

Speaker

Don C. Wong

14:40–15:00

Radiation damage studies of ATLAS HGTD Preproduction LGAD sensors

Speaker

Jiahe Si

15:00–15:20

ATAR-8: Design and Testing of First PIONEER ATAR Prototype

Speaker

Fred Gray

15:20–15:40

LGAD Gain saturation characterization with highly ionizing particles

Speaker

Jessie J Yang

16:00

16:30

RDC 3 Solid State Tracking

Session | **Location:** Maple Hall, Great Room

16:30–16:50

Performance Degradation of Neutron Irradiated 4H-SiC LGADs

Speaker

Yashas Satapathy

16:50–17:10

Irradiation and development of silicon carbide sensors for precision timing and tracking

Speaker

Abraham Tishelman-Charny

17:10–17:30

Thin-film detectors: status updates on InP, aSe and aSi detectors

Speaker

Jennifer Ott

17:30–17:50

Toward a U.S. Collaboration for 4D Tracking

Speaker

Ariel Gustavo Schwartzman

18:30

17:50-18:10

MAIA: A New Detector Concept for a 10 TeV Muon Collider