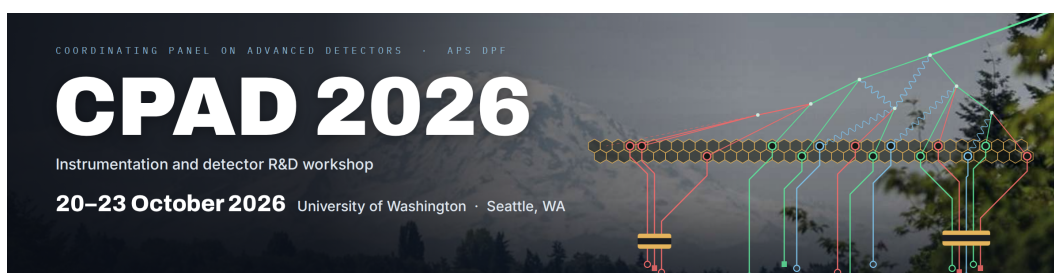


Session Program

20-23 Oct 2026



CPAD 2026 at Seattle

RDC 5 TDAQ

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

Wednesday 21 October

16:30

RDC 5 TDAQ

Session | **Location:** Alder Hall, 103

16:30–16:45

The Hardware development and Test of the Global Common Module prototypes for ATLAS Phase-II upgrade

Speaker

Shaochun Tang

16:45–17:00

Fast machine learning trigger system for real-time event identification for Ba-tagging in a Liquid Xenon TPC

Speaker

Melissa Medina Peregrina

17:00–17:15

Lossless TPC Hardware Compression at ICARUS

Speaker

Harry Hausner

17:15–17:30

A Scalable Streaming Readout Architecture for Large-Scale FPGA-Based Trigger Systems

Speaker

Tong Xu

17:30–17:45

KrIO: Standardized Hardware for Advanced Detector DAQ

Speaker

Noah Paladino

17:45–18:00

Development of a Streaming DAQ System for Beam-Size Monitoring at SuperKEKB

Speaker

Keisuke Yoshihara

18:00–18:15

LEAP-FWD: Low-latency Embedded AI for Physics — From Waveforms to Discovery

Speakers

Richard Saldanha, Samuel Watkins

18:15–18:30

State-Space Model as Full Triggering and Reconstruction Algorithm of Time-Series signal for Cyclotron Radiation Emission Spectroscopy in the Project 8 Neutrino Mass Experiment

Speaker

yao yin

18:30