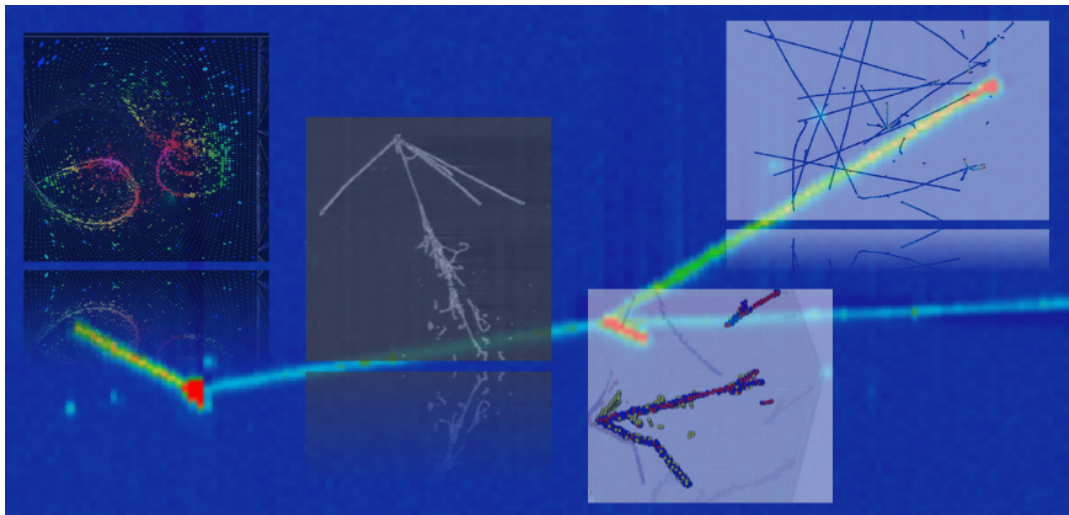


Session Program

15-19 Jun 2026



Neutrino Physics and Machine Learning 2026

Applications: Detector Calibration & Systematic Uncertainties

UC Irvine, The Interdisciplinary Science and Engineering Building
419 Physical Sciences Quad, Irvine, CA 92697

Monday 15 June

15:50

Applications: Detector Calibration & Systematic Uncertainties

Session |

Location: UC Irvine, The Interdisciplinary Science and Engineering Building , 419 Physical Sciences Quad, Irvine, CA 92697

15:50-16:10

Machine Learning to Constrain Optical Parameters at Liquid Scintillator Detectors

Speaker

Ms Sanya Arora

16:10-16:15

Q/A

16:15-16:35

Efficient Calibration of Scintillation Time Constants via Bayesian Optimization (BO)

Speaker

Po-Wei Huang

16:35-16:40

Q/A

16:40-17:00

Improving Detector Systematic Uncertainties Through Data-Driven Machine Learning

Speaker

Harry Hausner

17:00-17:05

Q/A

17:05