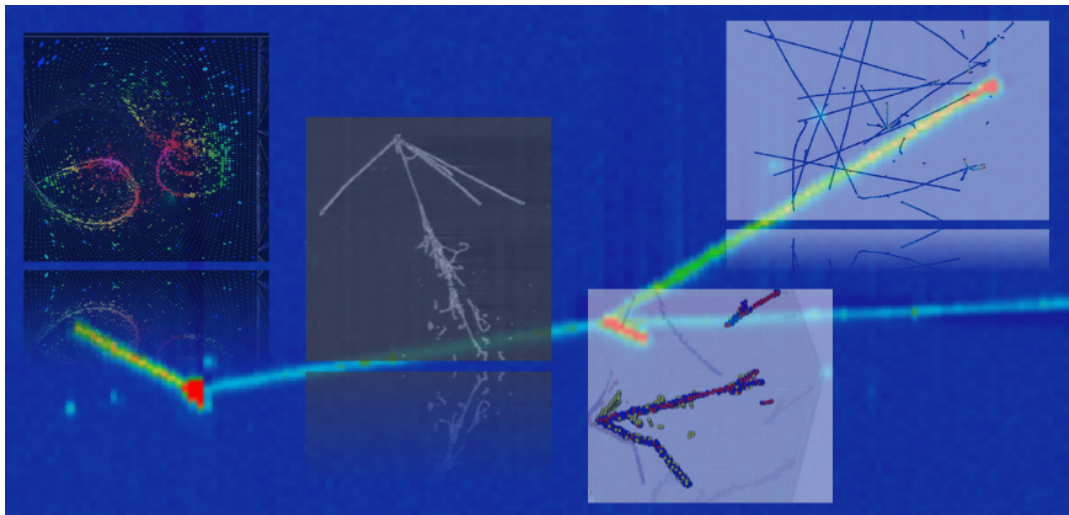


## Session Program

15-19 Jun 2026



## Neutrino Physics and Machine Learning 2026

### ***Shareable Tools: Cross-Experiment Reconstruction Methods***

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

# Thursday 18 June

09:00

## Shareable Tools: Cross-Experiment Reconstruction Methods

### Session |

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

09:00–09:20

### Improving Mu/Pi Separation in LArTPC's Using Optimal Transport Based Machine Learning

#### Speaker

Christopher Sauer

09:20–09:25

Q/A

09:25–09:45

### Performance of LoRA fine-tuning on Sonata pre-trained LArTPC (MicroBooNE) Point Cloud Network

#### Speaker

Vinicius Da Silva

09:45–09:50

Q/A

09:50–10:05

### Development of a Self-Supervised Foundation Model for Wire-Cell

#### Speaker

Matteo Vicenzi

10:05–10:10

Q/A

10:10–10:30

Coffee

10:30