

## Session Program

10-15 Aug 2025



## NAPAC25 - North American Particle Accelerator Conference 2025

### *Beam Instrumentation, Controls, AI/ML, and Operational Aspects (Contributed)*

SAFE Credit Union Convention Center  
1401 K St, Sacramento, CA 95814

## Tuesday 12 August

14:30

### Beam Instrumentation, Controls, AI/ML, and Operational Aspects (Contributed)

**Session** | **Location:** SAFE Credit Union Convention Center, Parallel Session #2

14:30–14:50

#### Experience Integrating Online Modeling / Adaptive Digital Twin Infrastructure and ML-based Tuning for Accelerator Control at SLAC

**Speaker**

Auralee Edelen

14:50–15:10

#### Electro-optic sampling beam positioning monitor for relativistic electron beams

**Speaker**

Elena Ros

15:10–15:30

#### SRF cavity instability detection with machine learning at CEBAF

**Speaker**

Dennis Turner

15:30