4th ICFA Beam Dynamics Mini-Workshop on Machine Learning Applications for Particle Accelerators

Thursday, March 7, 2024

Anomaly Detection / Failure Prediction: Anomaly Detection & Failure Prediction 1 **(9:00 AM - 10:40 AM)**

-**Conveners: Annika Eichler; Annika Eichler; Jason St. John**

time	[id] title	presenter
9:00 AM	[9] Data-Based Condition Monitoring and Disturbance Classification in Actively Controlled Laser Oscillators	GRÜNHAGEN, Arne
9:20 AM	[91] Predicting preventable (slow) trips at NSLS-II	SMITH, Reid
9:40 AM	[13] Beam Condition Forecasting with Non-destructive Measurements at FACET-II	KILPATRICK, Matthew
10:00 AM	[66] Enhanced quench detection at the EuXFEL through a machine learning-powered approach	BOUKELA, Lynda
10:20 AM	[69] The L-CAPE Project at FNAL	SCHUPBACH, Brian