

3rd ICFA Beam Dynamics Mini-Workshop on Machine Learning Applications for Particle Accelerators (Chicago, IL - Palmer House Hilton)

Wednesday, 2 November 2022

Prognostics (Session Moderator: Verena Kain, CERN) (13:25 - 16:00)

time	[id] title	presenter
13:25	[88] SRF Cavity Fault Classification and Prediction at Jefferson Lab	TENNANT, Chris
13:50	[89] Beam-Based RF Station Fault Identification at the Linac Coherent Light Source	HUMBLE, Ryan
14:15	[90] Status of Data-Driven Beam Trajectory Anomaly Detection	SULC, Antonin
14:40	[91] Disentangling Beam Losses in the Fermilab Main Injector Enclosure Using Real-time Edge AI	HAZELWOOD, Kyle
15:05	Break	
15:35	[92] Uncertainty Aware Anomaly Detection to Predict Errant Beam Pulses and GradCAM Analysis	RAJPUT, Kishansingh