

IN2P3/IRFU Machine Learning workshop 2024

jeudi 21 novembre 2024

ML for accelerators - Amphi Grinewald (14:00 - 18:20)

-Présidents de session: Hayg Guler; Francis Osswald

time	[id] title	presenter
14:00	[112] Anomaly detection and noise reduction in Turn by Turn BPMs signals of SuperKEKB main rings	M. GUELFANE, Abdelaziz CHERKAOUI, Ismail
14:25	[127] Exploration de données et apprentissage automatique pour la détection d'anomalies sur l'accélérateur Arronax	BASBOUS, Fatima
14:50	[109] High-resolution image reconstruction with unsupervised learning and noisy data applied to ion-beam dynamics	OSSWALD, Francis
15:15	[117] Heat load observer studies on SPIRAL2 data	LASSALLE, Charly
15:40	pause café	
16:10	[111] Echo State Network for Dynamic Aperture prediction	GAUTARD, Valérie
16:35	[118] Modelling dynamical systems: Learning ODEs with no internal ODE resolution	GULER, Hayg
17:00	[122] ALESIA: Superconducting magnet design through multi-physics optimisation	MINENNA, Damien