EuCAIFCon 2024

Tuesday, 30 April 2024

2.4 Hardware acceleration & FPGAs (14:50 - 15:55)

-Conveners: David Rousseau

time	[id] title	presenter
14:50	[22] Deep Learning for Cosmic-Ray Observatories	GLOMBITZA, Jonas
14:53	[210] Fast Inference of Deep Learning Models with SOFIE	MONETA, Lorenzo
14:56	[101] Gaussian processes for managing model uncertainty in gravitational wave analyses	WILLIAMS, Daniel
14:59	[63] Full-event reconstruction using CNN-based models on calibrated waveforms for the Large-Sized Telescope prototype of the Cherenkov Telescope Array	BEZSHYIKO, Iaroslava
15:02	[133] Utilizing machine learning for the Data Analysis of AGATA's PSA database.	ABUSHAWISH, Mojahed
15:22	[144] Doubling the Detection Rate of Ultra-High Energy Neutrinos through a Neural Network Trigger	GLASER, Christian
15:42	[180] Realtime Anomaly Detection with the CMS Level-1 Global Trigger Test Crate	SUMMERS, Sioni
15:45	[212] Machine Learning-based Data Compression	EKMAN, Per Alexander
15:48	[64] Embedded Neural Networks on FPGAs for Real-Time Computation of the Energy Deposited in the ATLAS Liquid Argon Calorimeter	BERTRAND, Raphael