

24th IEEE Real Time Conference - ICISE, Quy Nhon, Vietnam

Tuesday, 23 April 2024

Oral presentations (13:50 - 17:40)

time	[id] title	presenter
13:50	[143] Reconstruction of pile-up events using an Autoencoder based on CNN for the NEDA detector array.	DELTORO BERRIO, Jose Manuel
14:10	[176] Machine Learning for Sub-Microsecond Edge Data Processing	Prof. CORBEIL THERRIEN, Audrey
14:30	[135] A QGP Trigger for the CBM Experiment based on Artificial Neural Networks	Prof. KISEL, Ivan
14:50	[164] hls4ml: low latency neural network inference on FPGAs	LONCAR, Vladimir
15:10	[171] Development of ML FPGA filter for particle identification and tracking in real time	FURLETOV, Sergey
15:30	Coffee Break	
16:00	[48] High-speed data processing in the RIBF DAQ system using the Alveo data-center accelerator card	ICHINOHE, Yuto
16:20	[68] Readout system for a strip ionization chamber dedicated for proton beam profile measurement	LIN, Ye
16:40	[109] DAQ system for CEPC Vertex detector prototype	XU, Chang
17:00	[173] FERS-5200: a distributed Front-End Readout System for multidetector arrays	Dr TINTORI, Carlo
17:20	[63] Simplified Firmware Development for Open FPGA Platforms in DAQ Systems using SciCompiler	ABBA, Andrea