EDHPC 2023 - European Data Handling & Data Processing Conference

Thursday, 5 October 2023

Session 21 - OBDP: Technologies for OBP and AI Inference Acceleration - **Salle Miles Davis (14:00 - 15:40)**

   -**Conveners: Lucana Santos Falcon; Guillaume Lavigne**

time	[id] title	presenter
14:00	[124] High-Level Synthesis-Based On-board Payload Data Processing considering the Roofline Model	Mrs LEE, Seungah
14:20	[97] Tradeoff Between Performance and Reliability in FPGA Accelerated DNNs for Space Applications	Dr AGIAKATSIKAS, Dimitris
14:40	[182] Analysis and Implementation of a Space Avionics Co-Processor for Deep Learning Acceleration	GONZALEZ-ARJONA, David
15:00	[140] Inference and Evaluation of Deep Convolutional Neural Networks on Microchip's Hardware Accelerator VectorBlox	NANNIPIERI, Pietro
15:20	[154] Towards the Extension of FPG-AI Toolflow to RNN Deployment on FPGAs for On-board Satellite Applications	PACINI, Tommaso