

SEFUW: Space FPGA Users Workshop, 5th Edition

Tuesday, 14 March 2023

Artificial Intelligence/Machine Learning - Erasmus High Bay (10:45 - 11:30)

-Conveners: Alberto Urbón Aguado; Florent Manni

time	[id] title	presenter
10:45	[1] Image Recognition for Space Applications using Deep Learning on FPGAs & SoCs (Mathworks)	VAN BEEK, Stephan
11:05	[19] Deep Learning acceleration using a Model-Based Design workflow in secure in-flight HW/SW reprogrammable System-on-Chip (GMV)	GONZALEZ-ARJONA, David

Thursday, 16 March 2023

Artificial Intelligence/Machine Learning - Erasmus High Bay (09:30 - 10:20)

-Conveners: **Filomena Decuzzi; David Merodio Codinachs**

time	[id] title	presenter
09:30	[70] In-Orbit Artificial Intelligence and Machine Learning for Space Applications : Versal Space Reference Design : First Design-In Experiences (Spacechips)	BEDI, Rajan
09:55	[51] A Technology-Independent Toolflow for Automating AI Deployment on FPGAs for On-board Satellite Applications (University of Pisa)	PACINI, Tommaso