

EDHPC 2023 - European Data Handling & Data Processing Conference

Wednesday, 4 October 2023

Session 12 - OBDP: Radio Frequency Payloads - Salle Louis Armstrong (10:50 - 12:30)

-Conveners: Adem Coskun; Richard Wiest; Max Ghiglione

time	[id] title	presenter
10:50	[85] The Universal Processing Module – Standardised Hardware for State of the Art Radar Data Conversion and Data Processing	ESSLINGER, Malte
11:10	[176] A Software Defined Radio for CCSDS 131.2-B protocol: exploiting Graphic Processing Unit accelerator for high performance data reception.	CIARDI, Roberto
11:30	[178] Hardware Accelerated Backprojection Algorithm on UltraScale SoC-FPGA for On-Board SAR Image Formation	Prof. POLICARPO DUARTE, Rui
11:50	[184] Application of AMD Versal Adaptive SoC to Radar Space Time Adaptive Processing and Beamforming Applications in Space	Mr O'NEILL, Ken
12:10	[189] A Practical Framework to Specify the Prototype Filters for the Analysis of Frequency Stacked Sub-bands	Dr COSKUN, Adem