

EDHPC 2023 - European Data Handling & Data Processing Conference

Wednesday, 4 October 2023

Session 14 - Radiation Tests and Evaluation for OBDH Systems - Salle Sidney Bechet (10:50 - 12:30)

-Conveners: Timo Dirkes; Maris Tali; Melanie Berg

time	[id] title	presenter
10:50	[138] Radiation evaluation of LEON5FT/NOEL-VFT demonstrator on STM 28nm-FDSOI technology platform	MALATESTA, Fabio
11:10	[93] An In-Depth Description of the Radiation Data Package for the QLS1046-Space Edge Processing Module	Mr PORCHEZ, Thomas Mr BERTRAND, Wilfrid Mr GUILLEMAIN, Thomas
11:30	[45] Radiation Test Results Demonstrating Operate-through Capability of an ESA Application Using Software Mitigation on a COTS GPU	Dr TROXEL, Ian CINDEMIR, Umut
11:50	[13] Performance and Radiation testing of the Coral TPU co-processor for AI onboard satellites	Prof. LENTARIS, George
12:10	[65] Multi-Purpose COTS-based Edge AI Computing Platform for Small Satellite Mission Optimization	Mr TAMARIN, Egor