

SEFUW: Space FPGA Users Workshop, 2nd Edition

Tuesday 16 September 2014

Design for Space Applications: Fault Tolerance Methodologies - Newton 2 (14:00 - 15:30)

-Conveners: David Dangla

time	[id] title	presenter
14:00	[11] FPGA use in future space rover navigation	Dr LENTARIS, George
14:30	[8] Dynamically Reconfigurable Hardware for Resource Efficiency and Fault Tolerance in Space Applications	Mr COZZI, Dario
15:00	[12] From Rosetta to current developments using FPGAs for scientific space missions	Mr LANGE, Tobias

Wednesday 17 September 2014

Design for Space Applications: Fault Tolerance Methodologies - Newton 2 (14:10 - 14:40)

-Conveners: David Dangla

time	[id] title	presenter
14:10	[17] An Orbit-specific Fault-injector to Assess Fault-mitigation Strategies in Space FPGAs	Dr BELTRAME, Giovanni

Thursday 18 September 2014

Design for Space Applications: Fault Tolerance Methodologies - Newton 2 (11:10 - 12:40)

-Conveners: Jelle Poupaert

time	[id] title	presenter
11:10	[6] BRAM Radiation Sensor for a Self-Adaptive SEU Mitigation	Mr GLEIN, Robért
11:40	[34] ESTEC experience for Flash-based FPGAs in Space: design and verification guidelines for critical applications	Mr FURANO, Gianluca
12:10	[26] Static Design-Dependent SEE rates on SRAM-based FPGAs: a designer flow	Mr MERODIO CODINACHS, David