

SEFUW: Space FPGA Users Workshop, 4th Edition

Monday, 9 April 2018

Fault Tolerance Methodologies and Tools - Newton 1 and 2 (15:50 - 16:30)

-Conveners: Lucana Santos

| time | [id] title | presenter |
|-------|---|--------------------------------|
| 15:50 | [22] Analysis and Mitigation of Single Event Upsets in Configuration Memory of Xilinx Kintex7 SRAM-based FPGA | Dr DU, BOYANG |
| 16:10 | [27] Fault injection for space: FT-Unshades2 updates, experiences and roadmap | Prof. GUZMÁN-MIRANDA, Hipólito |

Wednesday, 11 April 2018

Fault Tolerance Methodologies and Tools - Newton 1 and 2 (11:40 - 13:00)

-Conveners: David Merodio Codinachs

| time | [id] title | presenter |
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| 11:40 | [16] Permanent Fault Handling in SRAM-based FPGAs | Mr RITTNER, Florian |
| 12:00 | [7] Fuzzy-logic simulation based approach to modelling of fault propagation in FPGAs. | Mr CICHOCKI, Andrzej |
| 12:20 | [42] Reprogrammable Flash-based FPGA on EUCLID mission | Prof. STERPONE, Luca Dr GRIMOLDI, Raoul |
| 12:40 | [23] Advancement on the Analysis and Mitigation of SETs on Flash-based FPGAs | Dr AZIMI, Sarah |