

## Session Program

11-15 Sept 2017



# **TWEPP 2017 Topical Workshop on Electronics for Particle Physics**

## ***Radiation Tolerant Components and Systems***

# Sunday 10 September

14:50

## Radiation Tolerant Components and Systems

**Session** |

**Location:** UCSC, Earth and Marine Sciences (E&MS) Building, Earth and Marine Sciences (E&MS) building |

**Convener:** Salvatore Danzeca

14:50-15:15

### Radiation Hardness Studies and Evaluation on SRAM-Based FPGA for High Energy Physics Experiments

**Speaker**

Vlad-Mihai PLACINTA

15:15-15:40

### Effect of Gamma Irradiation on Leakage Current in CMOS Readout Chips for the ATLAS Upgrade Silicon Strip Tracker at the HL-LHC

**Speaker**

Stefania Antonia Stucci

15:40-16:05

### A SEU Tolerant Latches Study for the RD53A Chip

**Speaker**

Denis Fougeron

16:05

## Wednesday 13 September

08:55

### Radiation Tolerant Components and Systems

**Session** | **Location:** Earth and Marine Sciences (E&MS) Building, Earth and Marine Sciences (E&MS) building | **Convener:** Geoff Hall

08:55–09:20

#### Measurements and Simulations of Single-Event Upsets in a 28 nm FPGA

**Speaker**

Markus Preston

09:20–09:45

#### Radiation Hard GaNFET High Voltage Multiplexing (HV-Mux) for the ATLAS Upgrade Silicon Strip Tracker

**Speaker**

David Lynn

09:45