



# TWEPP 2018 Topical Workshop on Electronics for Particle Physics

## Thursday, 20 September 2018

### Radiation Tolerant Components and Systems - CAR 0.05/0.06 (aula) (11:35 - 12:25)

-Conveners: Philippe Farthouat

time	[id] title	presenter
11:35	[123] Radiation hard Depleted Monolithic Active Pixel Sensors with high-resistivity substrate	TERZO, Stefano
12:00	[83] Irradiation test on the nSYNC ASIC using X-Ray and protons beam	BRUNDU, Davide

### Radiation Tolerant Components and Systems - CAR 0.05/0.06 (aula) (14:00 - 15:15)

-Conveners: Salvatore Danzeca

time	[id] title	presenter
14:00	[122] Investigations into the effect of gamma irradiation on the leakage current of 130nm readout chips for the ATLAS ITk Silicon Strip Detector	WOELKER, Ricardo
14:25	[69] A Multi-Layer SEU Mitigation Strategy to Improve FPGA Radiation Robustness for the ATLAS Upgrade	HU, Xueye
14:50	[7] Investigation of Proton Induced Radiation Effects in 0.15 $\mu\text{m}$ CMOS Antifuse FPGA	PLACINTA, Vlad-Mihai

### Radiation Tolerant Components and Systems - CAR 0.05/0.06 (aula) (16:35 - 17:00)

-Conveners: Salvatore Danzeca

time	[id] title	presenter
16:35	[38] 28 nm high-k bulk digital circuit performance (SEU) after Heavy Ion exposure	MATTIAZZO, Serena