

Session Program

Sep 20 - 24, 2021

**TWEPP 2021 Topical Workshop on Electronics
for Particle Physics**

Radiation Tolerant Components and Systems

Thu, September 23

3:00 PM

Radiation Tolerant Components and Systems

Session | Convener: Salvatore Danzeca

15:00 - 15:16

Design and qualification of the Mu2e electromagnetic calorimeter radiation monitor system

Speakers

Dr Franco Spinella, Franco Spinella

3:20 PM

3:40 PM

Radiation Tolerant Components and Systems

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15:40 - 15:56

Single Event Effects on the RD53B Pixel Chip Digital Logic and On-chip CDR

Speaker

Jelena Lalic

16:00 - 16:16

Low dose rate irradiation of the RD53A chip with Kr-85 beta source

Speaker

Aleksandra Dimitrievska

16:20 - 16:36

Radiation hardness and timing performance in MALTA monolithic Pixel sensors in TowerJazz 180 nm

Speaker

Milou Van Rijnbach

16:40 - 16:56

The radiation-hard low-Voltage LDO for HGCal in the CMS Phase-2 upgrade

Speaker

Mr Aamir Irshad

5:00 PM