

Session Program

11-12 Dec 2018

R2E Annual Meeting

DEC, 11-12TH | CERN, 774/R-013

R2E annual meeting - 2018

Radiation tolerant developments for the accelerator sector

CERN, 774/R-013

Wednesday 12 December

15:35

Radiation tolerant developments for the accelerator sector: Part 1

Session | Location: CERN, 774/R-013

15:35–15:50

Investigation of new technologies and concepts for reliable computation and fast communication

Speaker

Georgios Tsiligiannis

15:50–16:05

Results of functional radiation tests of QPS equipment to be installed during LS2 using the CHARM facility

Speaker

Ms Surbhi Mundra

16:05–16:20

Powerlink: status and developments

Speaker

Mattia Rizzi

16:20

16:50

Radiation tolerant developments for the accelerator sector: Part 2

Session | Location: CERN, 774/R-013 | Convener: Slawosz Uznanski

16:50–17:05

Predictive Maintenance Strategies to Prevent Radiation Induced End-of-Life Failures

Speaker

Lukas Felsberger

17:05–17:20

A Generic Radiation-Tolerant Power Supply for Distributed I/O Tier project

Speaker

Lalit Patnaik

17:20–17:35

ASIC design for the Beam Loss Monitor upgrade

Speaker

Luca Giangrande

17:35–17:50

Radiation hardness in single-mode optical links for Accelerator Instrumentation

Speaker

Carmelo Scarcella

17:50–18:05

Radiation hardness tests on fiber-ethernet converters at CHARM

Speaker

Damiano Celeste

18:05-18:20

Radiation Tolerant Conditioning Electronics for Vacuum Measurements

Speaker

Nikolaos Chatzigeorgiou

18:20-18:35

Radiation Hardness of Pressure Sensors Suitable to Measure in the 0-100mbar Range

Speaker

Michal Jozef Les

18:35