

## **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