

Session Program

11-12 Dec 2018

R2E Annual Meeting

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

R2E annual meeting - 2018

Radiation Facilities & Component Level Studies

CERN, 774/R-013

Wednesday 12 December

11:35

Radiation Facilities & Component Level Studies: Part 1

Session | Location: CERN, 774/R-013 | Convener: Salvatore Danzeca

11:35-11:50

SEE mechanisms in power MOSFET devices: theoretical, experimental and simulation approaches

Speaker

Dr Pablo Fernandez-Martinez

11:50-12:05

Current Transport Model for Heavy-Ion Degraded Silicon Carbide (SiC) Power MOSFETs

Speaker

Corinna Martinella

12:05-12:20

Radiation-tolerant LED lighting system for CERN tunnels

Speaker

Alessandro Floriduz

12:20-12:35

CHARM Dosimetry challenges and new opportunities

Speaker

Chiara Cangialosi

12:50

14:20

Radiation Facilities & Component Level Studies: Part 2

Session | Location: CERN, 774/R-013 | Convener: Salvatore Danzeca

14:20-14:35

SEE flux and spectral hardness calibration of neutron spallation and mixed field facilities

Speaker

Matteo Cecchetto

14:35-14:50

Ultra-High-Energetic heavy ion tests campaigns at CHARM and North Area CERN Facilities

Speaker

Maria Kastriotou

14:50-15:05

Electron induced SEEs in the VESPER facility

Speaker

Maris Tali

15:05-15:20

Overview of RADSAGA activities at CHARM

Speaker

Andrea Coronetti

15:35