

Session Program

12-17 Sept 2021

PSD12: The 12th International Conference on Position Sensitive Detectors

Poster Session 7 (Detectors for High Radiation and Extreme Environments)

University of Birmingham, Teaching and Learning Building
Edgbaston Campus University of Birmingham B15 2TT UK

Friday 17 September

10:30

Poster Session 7 (Detectors for High Radiation and Extreme Environments)

Session |

Location: University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK |

Conveners: Tony Price, Carl Wheldon

10:30–10:31

Investigation of Mixed Bulk Radiation Damage Effects in p-MCz Thin Silicon Microstrip Detector for Phase 2 Upgrade of the new CMS Tracker Detector at HL-LHC

Speaker

Ms Shilpa Patyal

10:31–10:32

Comparison study of heavily irradiated dielectrics for AC-coupled pixel detectors

Speaker

Shudhashil Bharthuar

10:32–10:33

TCAD Simulation of Radiation Hard n-MCz and n-Fz Si Microstrip Detector for the HL-LHC

Speaker

Mrs Balwinder Kaur

10:33–10:34

A table-top Two Photon Absorption - TCT system: measurements of irradiated and non-irradiated silicon sensors

Speaker

Sebastian Pape

10:34–10:35

Double injection studies on the RD53B-ATLAS chip

Speaker

Simon Kristian Huiberts

10:35–10:36

Simulation of Pixel Silicon detectors for experiment at high luminosity colliders.

Speaker

Ms S. Parolia

10:36–10:37

Characterization of passive CMOS strip detectors

Speaker

Marta Baselga

10:37–10:38

A Novel Front-End Amplifier for Gain-less Charge Readout in High-Pressure Gas TPC

Speaker

Dr Chaosong Gao

10:38–10:39

Instrumentation Challenges of the strong-field QED experiment LUXE at the European XFEL

Speaker

Kyle Fleck

10:39–10:40

Development, construction and qualification tests of the Mu2e electromagnetic calorimeter mechanical structures

Speaker

Daniele Pasciuto

11:20