

Session Program

Sep 12 - 17, 2021

PSD12: The 12th International Conference on Position Sensitive Detectors

Poster Sesion 6 (Advances in Pixel Detectors and Integration Technologies)

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

Fri, September 17

8:00 AM

Poster Sesion 6 (Advances in Pixel Detectors and Integration Technologies)

Session |

Location: University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham

Organizers: Philip Patrick Allport, Laura Gonella

8:00 – 8:01 AM

Design and prototype performance of Macro-Pixel Sub-Assemblies for the CMS Outer Tracker upgrade

Speaker

Jennet Elizabeth Dickinson

8:01 – 8:02 AM

Future Upgrade for LHCb VELO

Speaker

Jakob Haimberger

8:02 – 8:03 AM

Testbeam performance results of bent ALPIDE MAPS in view of the ALICE Inner Tracking System 3

Speaker

Mr Bogdan Mihail Blidaru

8:03 – 8:04 AM

CMOS pixel sensors optimized for large ionizing dynamic

Speaker

WEIPING REN

8:04 – 8:05 AM

The Topmetal-CEE Prototype, a Direct Charge Sensor for the Beam Monitor of the CSR External-target Experiment

Speaker

Dr Chaosong Gao

8:06 – 8:07 AM

Design and integration of CMOS tracker layers in digital tracking calorimeter for pCT application

Speaker

Dr Shruti Mehednale

8:07 – 8:08 AM

Performance Measurements from Cosmic Muon Data using the Outer Barrel of the New ALICE Inner Tracking System

Speaker

James Philip Iddon

8:08 – 8:09 AM

Operational Experience and Performance with the ATLAS Pixel detector at the Large Hadron Collider at CERN

8:09 - 8:10 AM

Characterisation of HV-MAPS ATLASPix3 and its applications for future lepton colliders

Speaker

Bianca Raciti

8:10 - 8:11 AM

A 14-Gbps VCSEL Driving ASIC in 55 nm for Particle Physics Experiments

Speakers

Cong Zhao, Prof. Di Guo

8:40 AM