

Session Program

Sep 12 - 17, 2021

**PSD12: The 12th International Conference
on Position Sensitive Detectors**

***Advances in Pixel Detectors and Integration
Technologies I***

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

Wed, September 15

8:30 AM

Advances in Pixel Detectors and Integration Technologies I

Session |

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

Conveners: Philip Patrick Allport, Helen Boston

8:30 – 8:55 AM

Advances in Pixel Detectors

Speakers

Tomasz Hemperek, Tomasz Hemperek

Location

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

9:00 – 9:15 AM

Characterization of planar and 3D pixel sensors for the inner tracker of the CMS experiment (in-person)

Speaker

Mohammadtaghi Hajheidari

Location

in-person

9:20 – 9:35 AM

LHCb VELO upgrade

Speaker

Kazuyoshi Carvalho Akiba

Location

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

9:40 – 9:55 AM

ALICE ITS3: the first truly cylindrical inner tracker

Speakers

Magnus Mager, Domenico Colella

Location

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10:00 – 10:15 AM

Latest developments and characterisation results of the MALTA sensors in TowerJazz 180nm for High Luminosity LHC

Speaker

Andrea Gabrielli

Location

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

10:20 AM