

Session Program

12-17 Sept 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

Wednesday 15 September

08:30

Advances in Pixel Detectors and Integration Technologies I

Session |

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

Conveners: Philip Patrick Allport, Helen Boston

08:30–08:55

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

09:00–09:15

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

Speaker

Mohammadtaghi Hajheidari

Location

in-person

09:20–09:35

LHCb VELO upgrade

Speaker

Kazuyoshi Carvalho Akiba

Location

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

09:40–09:55

ALICE ITS3: the first truly cylindrical inner tracker

Speakers

Magnus Mager, Domenico Colella

Location

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10:00–10:15

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

Speaker

Andrea Gabrielli

Location

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10:20