

Session Program

12-17 Sept 2021

PSD12: The 12th International Conference on Position Sensitive Detectors

X-ray and Gamma Ray Detectors 2

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

Wednesday 15 September

16:55

X-ray and Gamma Ray Detectors 2

Session |**Location:** University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK |**Conveners:** Paul Sellin, David Smith

16:55-17:20

X-ray and Gamma Ray Detectors (in-person)

Speaker

Helen Boston

Location

in-person

17:25-17:40

Improving Position Resolution in Pixelated CZT Detectors through Collimated Gamma-Ray Scanning for use in Molecular Breast Imaging Applications

Speaker

Ellis Rintoul

Location

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

17:45-18:00

Spectroscopic X-ray Imaging at MHz Frame Rates - The HEXITEC\$_{MHz}\$ ASIC

Speaker

Lawrence Jones

Location

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18:05-18:20

New developments on FBK position sensitive silicon photomultipliers

Speaker

Stefano Merzi

Location

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18:25-18:40

A monolithic silicon pixel sensor in SiGe BiCMOS for the FASER high granularity pre-shower detector.

Speaker

Fulvio Martinelli

Location

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18:45