

Session Program

12-17 Sept 2021

PSD12: The 12th International Conference on Position Sensitive Detectors

***Applications in Life Sciences and Biology;
Applications in Particle Physics 3***

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

Thursday 16 September

08:40

Applications in Life Sciences and Biology; Applications in Particle Physics 3

Session |

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

Conveners: Nigel Watson, Jon Lapington

08:40–09:05

(Some) applications of the Medipix and Timepix ASICS in Life Sciences and Biology

Speaker

Michael Campbell

Location

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

09:10–09:25

Development of Compton-PET hybrid imaging system with CeBr3-SiPM arrays

Speaker

Dr Mizuki Uenomachi

Location

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

09:30–09:45

Design and assembly of a fibre-type heterostructured scintillator for Time of Flight Positron Emission Tomography (in-person)

Speaker

Edith Grace Rogers

Location

in-person

09:50–10:05

phenoPET: A PET scanner for Plants based on digital SiPMs

Speaker

Matthias Streun

Location

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

10:10–10:25

First test beam of an all-silicon polarimeter demonstrator for proton EDM searches (in-person)

Speaker

James William Gooding

Location

in-person

10:30