

Session Program

Sep 12 - 17, 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

Thu, September 16

8:40 AM

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

Co-organisers: Nigel Watson, Jon Lapington

8:40 – 9:05 AM

(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

9:10 – 9:25 AM

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

9:30 – 9:45 AM

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

9:50 – 10:05 AM

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 AM

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

Speaker

James William Gooding

Location

in-person

10:30 AM