

Session Program

3-8 Sept 2023

**PSD13: The 13th International Conference on
Position Sensitive Detectors**

***Advanced photon detectors X-rays and
Gamma ray***

Oxford, St Catherine's Bernard Sunley Building

Thursday 7 September

09:00

Advanced photon detectors X-rays and Gamma ray

Session | **Location:** Oxford, St Catherine's Bernard Sunley Building | **Convener:** Richard Plackett

09:00–09:30

Progress towards seamless large area X-ray and gamma-ray detectors

Speaker

Michael Campbell

09:30–09:50

Development of trigger-mode fine-pitch silicon hybrid detectors for electron tracking Compton camera

Speaker

Kenji SHIMAZOE

09:50–10:10

Evaluation of Compton recoil electron tracking capability of fine-pitch pixel silicon detector with a Monte Carlo simulation

Speaker

Mizuki Uenomachi

10:10–10:30

Demonstration of particle tracking with scintillating fibres read out by SPAD array sensor

Speaker

Matthew Lewis Franks

10:30–10:50

Characterisation of HEXITEC MHz - a 1 MHz continuous frame rate spectroscopic X-ray imaging detector system

Speakers

Ben Cline, Matthew Veale

10:50