

Session Program

31 August 2026 to 4 September 2026

PSD14: International Conference on Position Sensitive Detectors

Technology developments in gas, X-ray and gamma detectors

Queen Mary University of London, London, UK, Mile End Campus: Graduate Centre Foyer and Peston Lecture Theatre

Tuesday 1 September

16:00

Technology developments in gas, X-ray and gamma detectors: Technology Developments in Gas, X-Ray, and Gamma Ray Detectors 1

Session | **Location:** Peston Lecture Theatre | **Convener:** Dr Paul Miyagawa

16:00–16:20

u-Rwell in cylindrical TPC for nuclear astrophysics

Speaker

Lara Malpas

16:20–16:40

Positive ion-initiated secondary avalanches in a gas time projection chamber with an intensified camera readout

Speaker

Victoria Bashu

16:40

Thursday 3 September

13:20

Technology developments in gas, X-ray and gamma detectors: Technology developments in gas, X-ray and gamma detectors 2

Session | **Location:** Peston Lecture Theatre | **Convener:** Paul Sellin

13:20-13:40

Development of Thin, Thermally Stable n-type Junctions for Segmented HPGe Detectors via Pulsed Laser Melting

Speaker

Walter Raniero

13:40-14:00

Beam test results of the pixel-readout beam-particle monitor for the CSR external-target experiment

Speaker

Hulin Wang

14:00-14:20

FasXcam: a monolithic active pixel sensor for fast, energy-resolved soft X-ray imaging

Speaker

Marek Tunkl

14:20-14:40

Embedding Position Sensitivity in the Detector with ANNA: an Analog Neural Network ASIC

Speaker

Carlo Fiorini

14:40-15:00

Development of high efficiency and high resolution thick-GEM detectors for muography application

Speakers

Prof. Nayana Majumdar, Mr Saikat Ghosh

15:00