

Session Program

31 August 2026 to 4 September 2026

PSD14: International Conference on Position Sensitive Detectors

Astrophysics, Space, and Extreme Environments

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

Wednesday 2 September

10:30

Astrophysics, Space, and Extreme Environments: Astrophysics, Space, and Extreme Environments 1

Session | **Location:** Peston Lecture Theatre | **Convener:** David Hall

10:30–10:40

Introduction to Detectors for Astrophysics, Space and Extreme Environments

Speaker

David Hall

10:40–11:00

Testing CMOS image sensors for future space telescope missions

Speaker

Anabel Romero Hernandez

11:00–11:20

Insights into CCD trap defects from in-orbit trap pumping on the Euclid VIS instrument.

Speaker

Toby Wallage

11:20–11:40

Performance evaluation of the AstroPix v3 and v4 HV-CMOS Sensors: Results from the DESY II Testbeam

Speaker

Elizaveta Sitnikova

11:40–12:00

A compact Radiation Monitor for the LISA experiment

Speaker

Roberta Pillera

12:00

Friday 4 September

09:00

Astrophysics, Space, and Extreme Environments: Astrophysics, Space, and Extreme Environments 2

Session | **Location:** Peston Lecture Theatre | **Convener:** Jason Gow

09:00–09:20

Design and Beam-Test Performance of a Highly Compact Si-W Electromagnetic Calorimeter

Speaker

Dr Veta Ghenescu

09:20–09:40

On the road to extreme radiation hardness with the innovative batch of FBK nLGADs

Speaker

Robert Stephen White

09:40–10:00

Systematic Study of Proton- and Neutron-Induced Radiation Damage in 4H-SiC PIN Diodes

Speaker

Sebastian Onder

10:00