

Session Program

3-8 Sept 2023

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

Applications in Astrophysics

Oxford, St Catherine's Bernard Sunley Building

Monday 4 September

11:10

Applications in Astrophysics

Session | **Location:** Oxford, St Catherine's Bernard Sunley Building | **Convener:** David Hall

11:10–11:40

Keynote: applications in Astrophysics

Speaker

Jon Lapington

11:40–12:00

Imaging Earth's magnetosphere with the Soft X-ray Imager (SXI) on the SMILE mission

Speaker

Dr Steven Leach

12:00–12:20

Investigation of an irradiated CCD device: building and testing a Charge Transfer Inefficiency correction pipeline using the Pyxel framework

Speaker

Bradley Kelman

12:20–12:40

Expected performance of the High Energy Particle Detector (HEPD-02) tracking system on board of the second China Seismo-Electromagnetic Satellite

Speaker

Umberto Savino

12:40–13:00

X-ray performance of a large-format soft X-ray optimised charge-coupled device for astronomy

Speaker

Tom Buggy

13:00