

Session Program

3-8 Sept 2023

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

Poster Session I

Oxford, St Catherine's Bernard Sunley Building

Wednesday 6 September

09:00

Poster Session I

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

09:00–09:10

Spectroscopic-based simultaneous monitoring for neutron-gamma $H^*(10)$ using an organic scintillation detector

Speakers

Mr Jisung Hwang, Mr Gyohyeok Song

09:10–09:20

Research on Streaming Data Processing of Neutron Instrument

Speaker

Peixun Shen shenpeixun

09:20–09:30

Impact of Single and Multiple Trenches as Isolation Structures in TI-LGADs: A Study on Charge Collection and Resistivity of IP region as seen by the fs-laser based TCT

Speaker

Gordana Lastovicka-Medin

09:30–09:40

HASPIDE: a project aiming at the development of hydrogenated amorphous silicon radiation detectors on a flexible substrate

Speaker

Mauro Menichelli

09:40–09:50

Evaluation and simulation of High Voltage-CMOS chips for high radiation environments

Speaker

Mr Benjamin Wade

09:50–10:00

Characterization and simulation of radiation effects on active edges n-on-p planar pixel sensors

Speaker

Djemouai DJAMAI

10:00–10:10

Development of Simulation Software for Silicon Carbide Particle Detectors

Speaker

Weimin Song

10:10–10:20

A new detector to muon tomography for glaciers melting monitoring

Speaker

Sara Rabaglia

10:20-10:30

High-Speed Data Transmission and Serial Powering IP's in 65nm CMOS Image Sensor Process at the Electron Ion Collider**Speakers**

Iain Sedgwick, Nicola Guerrini, Soniya Mathew

10:30-10:40

Position Resolution for the Segmented Inverted-Coaxial Germanium detector, SIGMA**Speaker**

Ahmed Alharbi

10:40-10:50

Towards an integrated, high-density Silicon strip measurement system**Speaker**

Mr Yuri Venturini

10:50-11:00

Simulating Performance of Microchannel Plate Photomultipliers in Magnetic Fields**Speaker**

Emily Baldwin

11:00-11:10

An 8-channel Low Power ASIC for Helium-3 Tube Position Sensitive Neutron Detectors**Speaker**

Dr Jiayi REN

11:10-11:20

R&D of the Readout Electronics for X-ray Beam-position Feedback System Of SAPS**Speaker**

Li Yu

11:20-11:30

Development of a phoswich imaging detector to simultaneously acquire neutron and gamma photon images**Speaker**

Seiichi Yamamoto

13:00