# **Session Program**

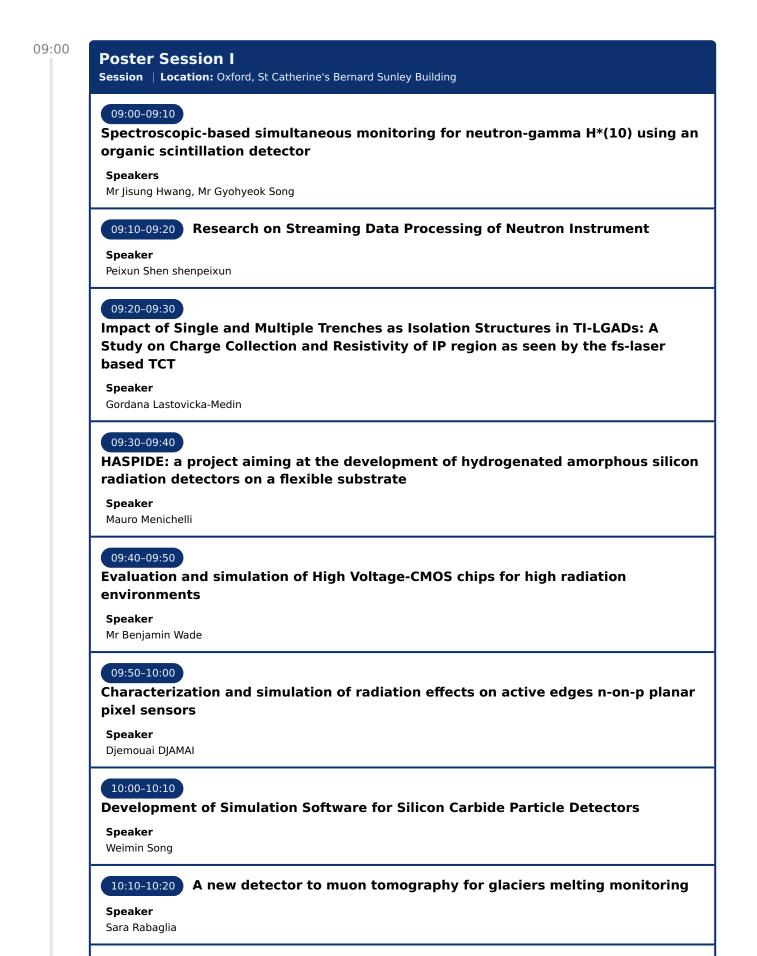
3-8 Sept 2023

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

# **Poster Session I**

Oxford, St Catherine's Bernard Sunley Building

# Wednesday 6 September



### 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

lain 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