

Session Program

3-8 Sept 2023

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

Position Sensitive Fast Timing Detectors

Oxford, St Catherine's Bernard Sunley Building

Tuesday 5 September

11:10

Position Sensitive Fast Timing Detectors

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

11:10-11:40

Results and perspectives on sensors and electronics for high-resolution 4D-tracking

Speaker

Lorenzo Piccolo

11:40-12:00

Overview of the ATLAS High-Granularity Timing Detector: project status and results

Speaker

Xuewei Jia

12:00-12:20

Low Gain Avalanche Detectors for the ATLAS High Granularity Timing Detector: laboratory and test beam campaigns

Speaker

Kuo Ma

12:20-12:40

Investigating the Impact of Isolation Structure Configurations on the Charge Carrier Excess in the Inter-Pad Region within Low and High-Injection Carrier Dynamics: Comparative study of LGADs with 2 p-stops and Bias ring in IP Region vs. Configuration with Two Trenches

Speakers

Prof. Gordana Lastovicka Medin, Gordana Lastovicka Medin

12:40-13:00

Environmental conditions stress tests on Low Gain Avalanche Diodes

Speaker

Gaetano Barone

13:00