

**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