

## **Session Program**

**Sep 12 - 17, 2021**

# **PSD12: The 12th International Conference on Position Sensitive Detectors**

## ***Position Sensitive Fast Timing Detectors 1***

University of Birmingham, Teaching and Learning Building  
Edgbaston Campus University of Birmingham B15 2TT UK

# Tue, September 14

11:15 AM

## Position Sensitive Fast Timing Detectors 1

### Session |

**Location:** University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham

**Co-organisers:** Peter Hobson, Laura Gonella

11:15 - 11:40 AM

### Position Sensitive Fast timing Detectors

#### Speaker

Nicolo Cartiglia

#### Location

University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK

11:45 AM - 12:00 PM

### Optimization of gain layer doping, profile and carbon levels on HPK and FBK sensors

#### Speaker

Dr Simone Michele Mazza

#### Location

University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK

12:05 - 12:20 PM

### Timing and spatial performance of IHEP AC-LGADs

#### Speaker

Dr Mei Zhao

#### Location

University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK

12:25 - 12:40 PM

### Overview of CNM LGAD results with B, Ga and C diffused Si-on-Si and epitaxial wafers (in-person)

#### Speaker

Chiara Grieco

#### Location

in-person

12:45 - 1:00 PM

### A High-Granularity Timing Detector for the ATLAS Phase-II upgrade

#### Speakers

Simone Michele Mazza, Hasko Stenzel

#### Location

University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK

1:05 PM