

## **Session Program**

**12-17 Sept 2021**

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

## ***Poster Session 4 (Position Sensitive Fast Timing Detectors)***

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

# Thursday 16 September

08:00

## Poster Session 4 (Position Sensitive Fast Timing Detectors)

**Session** |

**Location:** University of Birmingham, Teaching and Learning Building, Edgbaston Campus University of Birmingham B15 2TT UK |

**Conveners:** Ioannis Kopsalis, Philip Patrick Allport

08:00–08:01

### Performance of LGAD sensors for the ATLAS High-Granularity Timing Detector

**Speaker**

Han CUI

08:01–08:02

### The coordinate sensitive detector based on the MA-20 multianode PMT with high space and time resolution

**Speaker**

Valeri Brekhovskikh

08:02–08:03

### Timing techniques with picosecond-order accuracy for novel gaseous detectors

**Speaker**

Maria Evanthia Tsopoulou

08:03–08:04

### Investigating machine learning solutions for a 256 channel TCSPC camera with sub-70 ps single photon timing per channel at data rates > 10 Gbps.

**Speaker**

Amelia Markfort

08:04–08:05

### Modelling the behaviour of microchannel plates using CST particle tracking software

**Speaker**

Emily Baldwin

08:05–08:06

### The transmission dynode (tynode) vacuum electron multiplier

**Speaker**

Harry Van Der Graaf

08:06–08:07

### The second production of RSD at FBK

**Speaker**

Marco Mandurrino

08:07–08:08

### Digital Trigger Module for Cherenkov Time of Flight Detector

**Speaker**

Jan Zich

08:08–08:09

### Study of LGAD for Timing Measurements in ILC Detectors

**Speaker**

Mami Kuhara

08:09–08:10

**The ATLAS Forward Proton Time-of-Flight detector: use and projected performance for LHC Run 3**

**Speaker**

Tomas Komarek

08:10–08:11

**LGAD Development for the LHC's High-Luminosity Upgrade**

**Speaker**

Jonathan Mulvey

08:40