

Session Program

Sep 12 - 17, 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

Thu, September 16

8:00 AM

Poster Session 4 (Position Sensitive Fast Timing Detectors)

Session |

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

Coordinators: Joannis Kopsalis, Philip Patrick Allport

8:00 – 8:01 AM

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

Speaker

Han CUI

8:01 – 8:02 AM

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

Speaker

Valeri Brekhovskikh

8:02 – 8:03 AM

Timing techniques with picosecond-order accuracy for novel gaseous detectors

Speaker

Maria Evanthia Tsopoulou

8:03 – 8:04 AM

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

8:04 – 8:05 AM

Modelling the behaviour of microchannel plates using CST particle tracking software

Speaker

Emily Baldwin

8:05 – 8:06 AM

The transmission dynode (tynode) vacuum electron multiplier

Speaker

Harry Van Der Graaf

8:06 – 8:07 AM

The second production of RSD at FBK

Speaker

Marco Mandurrino

8:07 – 8:08 AM

Digital Trigger Module for Cherenkov Time of Flight Detector

Speaker

Jan Zich

8:08 – 8:09 AM

Study of LGAD for Timing Measurements in ILC Detectors

Speaker

Mami Kuhara

8:09 - 8:10 AM

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

Speaker

Tomas Komarek

8:10 - 8:11 AM

LGAD Development for the LHC's High-Luminosity Upgrade

Speaker

Jonathan Mulvey

8:40 AM