

Session Program

12-17 Sept 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

Tuesday 14 September

11:15

Position Sensitive Fast Timing Detectors 1

Session |

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

Conveners: Peter Hobson, Laura Gonella

11:15-11:40

Position Sensitive Fast timing Detectors

Speaker

Nicolo Cartiglia

Location

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

11:45-12:00

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

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

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

12:45-13:00

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

13:05