

Session Program

30 June 2024 to 4 July 2024

25th International Workshop on Radiation Imaging Detectors.

Sensor Materials & Front-End Electronics

FMDUL, Main Auditorium

Main Auditorium of the Faculty of Dental Medicine at the University of Lisbon (Faculdade de Medicina
Dentária da Universidade de Lisboa)

Wednesday 3 July

09:00

Sensor Materials & Front-End Electronics: Session 9

Session |

Location: FMDUL, Main Auditorium, Main Auditorium of the Faculty of Dental Medicine at the University of Lisbon (Faculdade de Medicina Dentária da Universidade de Lisboa)

09:00–09:30

AI Algorithms in Pixel Detectors

Speaker

Farah Fahim

09:30–09:50

Optimising hybrid pixel detectors sensor layout with 25 μm pitch for the radiation levels of 4th generation synchrotron light sources

Speaker

Dr Julian Heymes

09:50–10:10

First characterisation of Trench Isolated LGADs fabricated at Micron Semiconductor Ltd

Speaker

Neil Moffat

10:10–10:30

The new monolithic ASIC of the preshower detector for di-photon measurements in the FASER experiment at CERN

Speaker

Rafaella Eleni Kotitsa

10:30