

Session Program

30 June 2024 to 4 July 2024

25th International Workshop on Radiation Imaging Detectors.

Sensor Materials

FMDUL, Main Auditorium

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

Tuesday 2 July

14:00

Sensor Materials: Session 7

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)

14:00–14:30

TCAD modeling of Ferroelectric Materials for Enhanced Electronic Device Efficiency

Speaker

Arianna Morozzi

14:30–14:50

Chromium compensated gallium arsenide sensor evaluation using photon counting readout electronics

Speaker

Dr Juha Kalliopuska

14:50–15:10

Characterisation of Redlen HF-CdZnTe at $>10^6$ ph s^{-1} mm^{-2} using HEXITEC_{{\mathrm{MHz}}}

Speaker

Ben Cline

15:10–15:30

Evaluation of a Novel Large-Area GaAs:Cr Sensor for Photon Science Applications

Speaker

Kirsty Paton

15:30–15:50

Low Gain Avalanche Silicon Detectors: an experimental study and modeling for high resolution X-ray spectroscopy

Speaker

Dr Filippo Mele

15:50