

## **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  $>10^6\text{ ph s}^{-1}\text{ mm}^{-2}$  using HEXITEC <sub>$\text{MHz}$</sub>**

**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