

## **Session Program**

**30 June 2024 to 4 July 2024**

# **25th International Workshop on Radiation Imaging Detectors.**

## ***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)

# Monday 1 July

16:10

## Front-End Electronics: Session 4

**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)

16:10-16:40

### **Capabilities, Opportunities, and Challenges of the STAR Facility: A New X-ray Source for Material Analysis**

**Speaker**

Sandro Donato

16:40-17:00

### **A prototype readout integrated circuit for energy-resolved hybrid pixel detector.**

**Speaker**

Piotr Kaczmarczyk

17:00-17:20

### **Count rate measurements of a new single photon counting hybrid pixel detector prototype**

**Speaker**

Erik Fröjdh

17:20-17:40

### **DynamiX, a prototype high-framerate, high-dynamic range hard X-ray detector for 4th generation synchrotrons**

**Speaker**

Simon Knowles

17:40