

Session Program

19-21 Jul 2023

**"P-RAD 2023" European Workshop on
Perovskite Radiation Detectors**

Session 4 (Posters)

Thursday 20 July

16:00

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Poster Session | **Location:** Centro Residenziale Universitario Di Bertinoro, Italy

Photoconductive Gain Effect: detection of ionizing radiation by highly defective semiconducting thin films-based photoconductors

Speaker

Ilaria Fratelli

X-ray nanoanalysis to probe radiation-induced ion migration in hybrid lead-halide perovskite

Speaker

Camilla Bordoni

Deposition and Characterisation of Perovskite Films

Speaker

Anna Reed

High quality Perovskite Single Crystal X-ray Detectors

Speaker

Mr Ismalage Jayana Damsara Jayarathne

A perovskite-thermoplastic composite for 3D printing novel radiation detectors.

Speaker

Stephen J Kearney

Halide Perovskite Composites for High Stability X-ray Detection

Speaker

Hayden Salway

Lead Acetate Impact on Lead Halide Perovskite (FAPbBr₃) Polycrystalline Radiation Detector Performance

Speaker

Suad Alghamdi

The development and performance of 1D lead-free Rb-based metal halide scintillators.

Speaker

Roma Mulholland

Optimization of 2D perovskite thin films for photodetectors

Speaker

Sara Cepić

Multi-layer structure for thermal neutron detection: CsPbBr₃ thin films coupled with 10B conversion layers

Speaker

Anna Paola Caricato

2D metal-halide perovskites for application as indirect radiation detectors: study of PEA2PbI4 and 4F-PEA2PbI4 polycrystalline films**Speaker**

mario calora

Investigation of photocurrent relaxation in MAPbBr3 perovskites with Cr/SnO2/, Cr/ contacts**Speaker**

Marián Betušiak

Metal Halide Perovskite X-rays Detectors Based on Pressed Polycrystalline Wafers**Speaker**

Prof. Olena Maslyanchuk

All-inorganic Cs2AgBiBr6 Double Perovskite Single Crystals for Radiation Detectors: Exploring the Effects of Temperature, Concentration, and Time**Speaker**

Simay Sahsuvar

2D-perovskite thin films as gamma-ray detectors for medical applications**Speaker**

LORENZO MARGOTTI

17:30