

Session Program

12-16 Jan 2026

X-ray Sensor Joint Workshop - From Soft to Hard X-rays

HiZPAD - Perovskites

ETH, ML E12
Rämistrasse 101 8092 Zürich Switzerland

Friday 16 January

09:00

HiZPAD - Perovskites

Session | Location: ETH, ML E12, Rämistrasse 101 8092 Zürich Switzerland

09:00-10:00

Keynote: Perovskite Single-Crystal X-ray Detectors: From Low-Dose Single-Photon Sensitivity to High-Flux Operation and Radiovoltaic Power Sources.

Speaker

Dr Sergii Yakunin

10:00-10:30

Inorganic perovskites (CsPbBr_3) as high-Z sensor materials for hybrid detectors

Speaker

Raul Back Campanelli

10:30-11:00

Single-Step Synthesis of $\text{Cs}_3\text{Bi}_2\text{I}_9$ Nanocrystals for Scalable Direct X-Ray Detectors

Speaker

Joydip Ghosh

11:00