



1st Joint X-ray Sensor Workshop

From Soft to Hard X-rays

ETH Zurich (Switzerland)
12.-16. January 2026

This joint workshop brings together experts and users in the fields of soft X-ray detectors and high-Z sensor technologies for a comprehensive five-day event.

This event aims at fostering collaboration between researchers from diverse fields, encouraging cross-disciplinary exchange and the identification of new opportunities for synergy between soft X-ray and high-Z sensor technologies.



SOFT X-RAY DETECTORS

12-14 JANUARY 2026

Bridging Science and Detection Technology for Soft X-ray Applications

- Applications and detector requirements in the soft X-ray energy range
- CCD, CMOS, LGAD technologies, etc.
- Sensor design and manufacturing for soft X-rays
- Sensor characterization
- Detector calibration techniques
- Simulations



HiZPAD

15-16 JANUARY 2026

High-Z Pixel Array Detectors for Photon Science

- High-Z detector developments
- GaAs:Cr, CdTe, CZT, Perovskites, PbS QDs, etc.
- Contacts and interconnects
- Material characterization
- Detector requirements for high photon energy applications
- Simulations

Webpage and registration:

<https://indico.psi.ch/e/XRaySensors2026>

Registration for the two workshops is separate.



Location

ETH Zurich
Room: ML E 12
Rämistrasse 101
8092 Zürich
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Soft X-ray Detectors
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Organizing Committee

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