

Laboratory for Development of Photon and Particle Detectors

Mission: This laboratory works as a base of development of the photon and particle detectors in the Center for Integrated Research in Fundamental Science and Engineering, to study and develop the photon and particle detectors commonly employed for studies in the two Research Cores, and pushes forwards the integrated research of the detector development in collaboration with other Tsukuba research institutions.

Center for Integrated Research in Fundamental Science and Engineering

Research Core for the History of the Universe

Design Office of Integrated Research

Research Core for Developing Energy and Environment-Friendly Materials

Laboratory for Development of Photon and Particle Detectors

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Supeconducting Detector, SOI Technology, Particle Detectors with MPPC photo-senser, other New Technologies

Founded on 2015/10/19

Base at University of Tsukuba of TIA-ACCELERATE Photon and Particle Sensing Square (for Photon and Particle Detector Development)

Collaboration with other Institutions at Tsukuba

TIA-ACCELERATE Initiative for Photon and Particle Detector Application to Industry

KEK Detector Technology Project AIST CRAVITY Facility