

5th Hardware Camp

Fast Radiation Detection & Imaging



 ICISE, Quy Nhon Nam, Gia Lai, VN

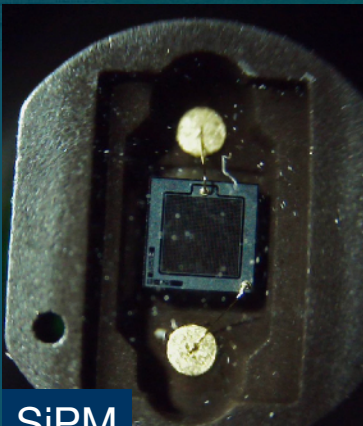
 Mar. 08-14, 2026

See the unseen: discover how photodetectors, scintillators, and fast electronics work together to capture the faintest flashes of light and invisible radiation.

The goal is to provide students with **hands-on experience with single photo-resolving photomultipliers (siPM and PMT), Timepix particle camera, plastic scintillators, light sources, electronic, and data acquisition devices used in particle and nuclear physics experiments.** This technique has **numerous civil applications**, including but not limited to *Light Detection and Ranging, Positron Emission Tomography, Fluorescence Spectroscopy, Particle Counter, Radiation Imaging, and Quantum Computing...*

Website: <https://ifirse.icise.vn/nugroup/hardwarecamp/index.html>

Apply Now (deadline Dec. 15th, 2025)



SiPM



Compact muon counter



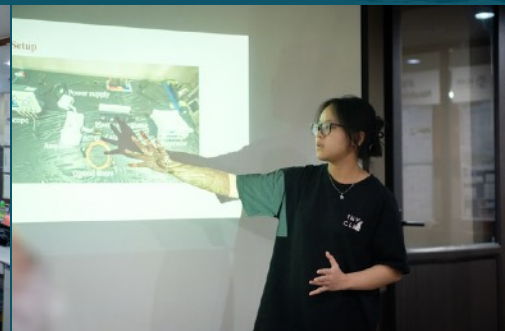
Timepix toolkit



Lectures



Hands-on section



Presentation

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