6th Hardware Camp

Fast Radiation Detection & Imaging

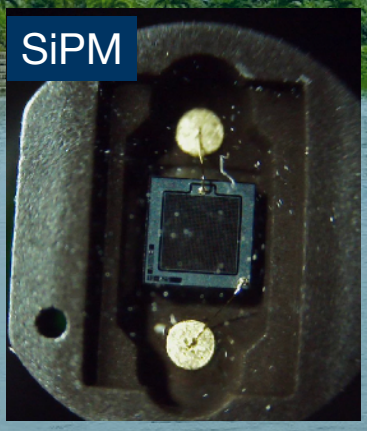
ICISE, Quy Nhon Nam, Gia Lai, VN

Mar. 07-13, 2027

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...*

SiPM



Compact muon counter



Timepix toolkit



Lectures



Hands-on section



Presentation



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

Apply Now (deadline Dec. 15th, 2026)

Contact: Dr. Son Cao, cvson@ifirse.icise.vn