

# APD-based readout of PbWO<sub>4</sub> crystals

Trotta Richard, Uniyal Rishabh, Andres Vargas

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# Motivation

This project is developed in the context of the construction of the Neutral-Particle Spectrometer. We need to get some insights about how can we use different kind of sensors like Photomultipliers and Silicon Photomultipliers (SiPM) to characterize the radiation emitted by lead tungstate ( $\text{PbWO}_4$ ) crystals.

# CAEN SiPM Kit

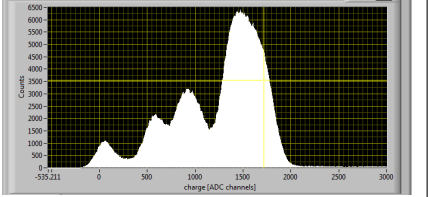
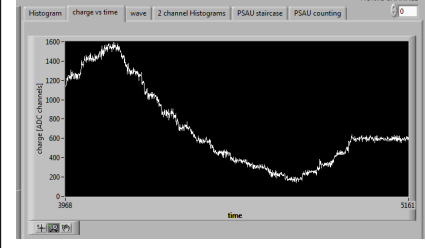
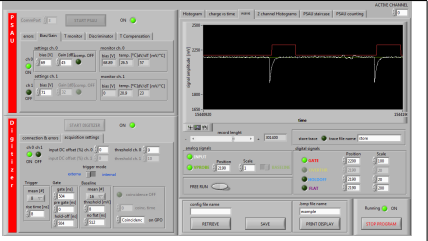
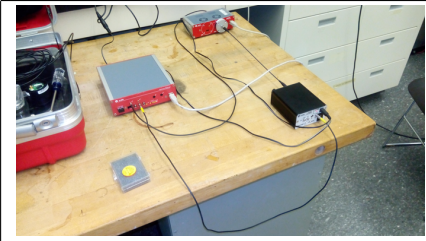


Table: CAEN SiPM Kit

## What is next?

CAEN SiPM kit is not going to be available by next week. We need to replace the amplification unit and the digitizer using the equipment we have on the NP-Lab.