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# Study on saturation of SiPM for ILC scintillator-based electromagnetic calorimeter

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Electromagnetic calorimeter based on scintillator strip with SiPM readout (Sc-ECAL) is one of the technology options for the ECAL at the International Linear Collider (ILC). The SiPM output will become non-linear light when a large amount of light is injected to SiPM and SIPM saturates. The SiPM saturation is measured with a new method based on scintillation light excited by injecting UV-laser to scintillator. The new method will be described with preliminary results from the measurements.

## Time Zone

Asia/Pacific

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