



Contribution ID: 121

Type: **not specified**

scintillator ECAL development in Shinshu

Thursday 18 March 2021 09:20 (20 minutes)

strong text We present status of scintillator ECAL development in Shinshu University. In particular, we are manufacturing and adjusting an ILC type module that integrates a readout electronic circuit and a scintillator sensor in a layer. We have manufactured two layers of such module, and have made fine adjustments to calibrate. Currently, we are conducting performance verification using cosmic ray muons. We are also pursuing optimization of the shape of the scintillator strip. In particular, we will discuss the shape and surface treatment of the dent where the semiconductor optical sensor is installed with uniformity measurements and simulation work.

Time Zone

Asia/Pacific

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Session Classification: PD6: Calorimeters

Track Classification: Physics and Detectors Tracks: PD6: Calorimeters