Setup





Program

Goals

- Study the CALICE SDHCAL response to proton/pions/kaons with particle identification.
- Study the rate capability of new materials for RPC electrodes.

Program

- Run CALICE SDHCAL with low intensity (few hundreds part/spill) pion beams at various energies (10 to 120 GeV) with Cerenkov signals to identify particles.
 - Many thanks to Bastien for providing CESAR beam files just before the "Jeune Genevois" week-end.
 - Many thanks to Philippe and Nikos for the Cerenkov installation and tuning
- ② Run the RPC prototypes with 4 different materials with higher intensity muon beams at various rate (up to few 10⁵ part/spill).

Status

Both setups are running fine with high quality beams for each.

