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# Dream Testbeam December 2015

## Program

Al Cu module, Al C fibers, with one tower equipped with MCP readout S and C

- module perpendicular to the beam, scan in X and theta angle, electron beams, DRS readout, 2 channels. Look at the reflected signal (time time distance, attenuation)
- module parallel to the beam, theta 1 degree, pion beam 20 GeV. Time structure studies, DRS (with CET counters to select pions/protons)

### Pb 3\*3 matrix

- Hadronic energy resolution, pion 180 GeV, 180, 125, 80, 40, 20, 10, 60. Calibration with electrons 20, 40 GeV
- Proton/pions shower development. DRS readout, STILL TO BE DONE

## Good Run List

Information on the run taken are reported here: [GoodRunListTBDecember2015](#)

## Detector informations

- HVmappingDecember2014
- R0mappingDecember2014

## Known problems

- ♦ Dead channels: Tower 11 C (M3-C1) e 31C (M7-C1) 1S , leakage 1
- ♦ Problems in data acquisition with rate > 1000 (trigger board starts to get crazy, not simple solution).
- ♦ List of runs with DAQ errors..... TO BE DONE..

-- SilviaFranchino - 2015-11-01

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