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Dream Testbeam December 2014

Shift schedule: December beam

day	Mon 1 Dec	Tue 2 Dec	Wed 3 Dec	Thu 4 Dec	Fri 5 Dec	Sat 6 Dec	Sun 7 Dec	Mon 8 Dec
0-8	---	Michele - Alan	Laura - Michele	Ale - Evelin	Richard - Ale	Sehwook - Seungkyu	Alan - Sehwook	Alan - Seungkyu
8-16	Sehwook - Seungkyu	John - Fanqqui - Ramni	MD	Sehwook - Seungkyu	John - Fanqqui - Ramni	John - Fanqqui - Ramni	John - Fanqqui - Ramni	CLOSURE
16-24	Richard - Ale	Evelin - Silvia	Richard - Silvia	Alan - Evelin	Laura - Fabrizio	Silvia - fabrizio	Richard - Fabrizio	

Program

Dec 1 to Dec 3

Al Cu module, 20 GeV positron

- Electromagnetic energy resolution as a function of rotation angle: +5 to -5 degrees
- 4 scans done with 2 and 1 degrees tilted module, with and without preshower . Low energy wobbling
- Calibration of each Pb tower with electrons, AD readout
- Calibration with electrons DRS readout of some of Pb towers

Machine Development

Open the calorimeter box, remove PMTs of copper, remove with the crane the Cu modules, close the box, install on the top leakage counters

Dec 3 evening to the end

Pb 3*3 matrix

- Time structure of hadronic signal. DRS readout. Pb matrix plus leakage detectors. 180 GeV pions and lower energies.
- Hadronic energy resolution, pion 180 GeV, 125, 80, 40, 20, 15

Shift Summaries

Please at the end of the shift fill the report here : [Dec2014TBShiftSummary](#)

Good Run List

Information on the run taken are reported here: [GoodRunListTBDecember2014](#)

Detector informations

- Tower schematic:

- Tower_coordinate.pdf
- PMT_scheme_RD52_FINAL.pdf
- HVmappingDecember2014
- ROMappingDecember2014
- Known problems:
 - ◆ Tower 11 C (M3-C1) e 31C (M7-C1) are dead

-- GabriellaGaudio - 23-Oct-2012

-- MicheleCascella - 2014-11-25

This topic: DREAM > DreamTBDecember2014

Topic revision: r9 - 2014-12-07 - SilviaFranchino



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