

Schedula Testbeam

https://ps-sps-coordination.web.cern.ch/ps-sps-coordination/schedules/ps/2024/v1.1.0/schedule_runs_v110_20240306_all.pdf

In previous version 3 weeks in August, as main user.

In present one 1 as main user, 2 as parasitic (???)

Still to be decided extensio of 6 weeks of the proton beam

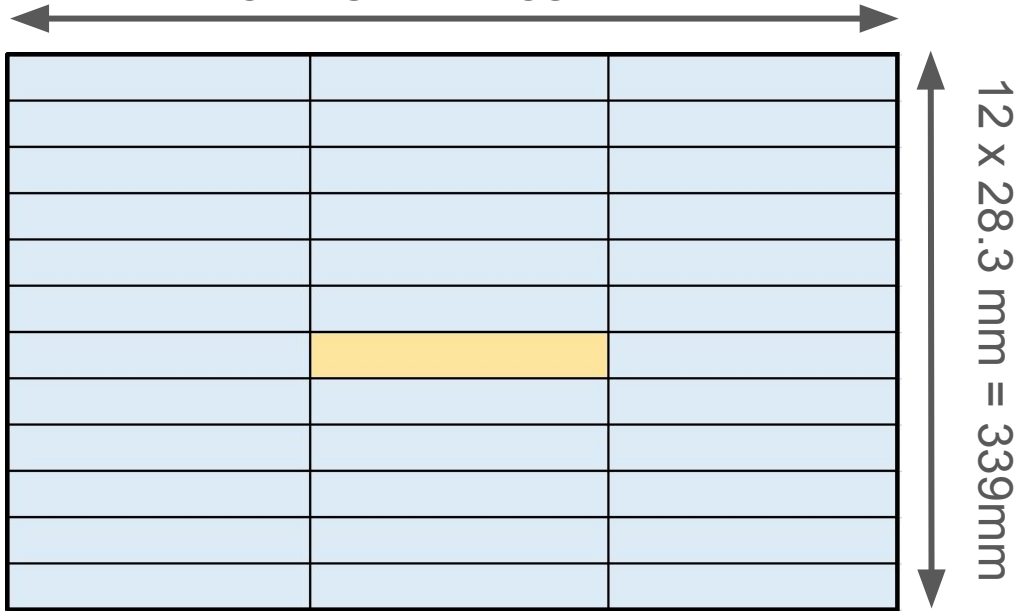
Proposal....

.... Under the assumption that

- We will have a week for “EU” group
- We won't have a SiPM readout module
- ...

A 36-MM PMT-only calorimeter

$3 \times 128 \text{ mm} = 384 \text{ mm}$



$3 \times 12 = 36$ minimodules

=> 36+36 PMT (same number as in RD52 Pb module)

- We can reuse FE board, patch panel, QADC modules

Measurements:

- EM resolution (different material, different sampling fraction and frequency)
- Uniformity response
- Muon and pions response

What we would need

- Module constructions
- Fibre loading
- Box
- Filters + Silicon cookies (or optical grease)
- Test PMT
- Test PMT+modules
- Test interface board
- Check QADC + adapters
- DAQ

11.3.24	16
13.3.24	17
18.3.24	18
20.3.24	19
25.3.24	20
27.3.24	21
3.4.24	22
8.4.24	
10.4.24	
15.4.24	23
17.4.24	24
22.4.24	25
24.4.24	26
29.4.24	27
2.5.24	28
6.5.24	29
8.5.24	30
13.5.24	31
15.5.24	32
20.5.24	33
22.5.24	34
27.5.24	35
29.5.24	36