

ECAL Test-beam Analysis

Kickoff meeting

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Possible meeting time slots

- Monday morning
- Monday afternoon
- Tuesday morning
- Tuesday afternoon
- Thursday lunch time (1 pm)

Link to [the poll](#)

LUXE ECAL Testbeam Analysis TF

UTC +1 ES DE PL	DAYS of the WEEK				UTC +2 RO IL
	Mon	Tue	Wed	Thu	
CET	Please put an "x" into the slot if it does NOT suit :)				EET
08 am					09 am
09 am					10 am
10 am					11 am
11 am					12 noon
12 noon					13 pm
13 pm					14 pm
14 pm					15 pm
15 pm					16 pm
16 pm					17 pm
17 pm					18 pm

Active people power on TB analysis

- Coordination: Wolfgang, Halina
- Telescope: Shan, Mihai
 - Resolution: Filip ()
- Sensor: Jakub, Dawid
 - Pedestal: Jakub
 - Electronics testing: Dawid
- Alignment: Shan, Michal, Kirill
 - File merging: Shan
- Homogeneity: Veta, Melissa
- Edge performance: Veta, Shan, Dawid (part-time)
 - Electric field study: ()
- Cross-talk: Dawid (part-time)
- Monte Carlo & Calorimetry: Mihai, Kamil

Composing:

- Draft of note
- Confluence (to be moved)
- Draft of paper

Please send me an email of your Overleaf account

- Software repositories on
 - Private: DESY [GitLab](#)
 - Public: [GitHub](#)

TAU's progress on alignment

- Methods
 - Maximisation (Kirill)
 - Edge effect (Michal)
 - “Standard practice” of minimising distance (no implementation)
- Pilot runs
 - Five from Kirill
 - One from Michal (to be implemented)

```
[[shan@luxe sentel_slim]$ ls kpilot*
kpilot_Run_4448.root      kpilot_Run_4495.root      kpilot_Run_4533.root
kpilot_Run_4448-tracks.root kpilot_Run_4495-tracks.root kpilot_Run_4533-tracks.root
kpilot_Run_4454.root      kpilot_Run_4532.root
kpilot_Run_4454-tracks.root kpilot_Run_4532-tracks.root
[[shan@luxe sentel_slim]$ pwd
/home/shan/beamtest/sentel_slim
```

Other items

- FEB from Krakow was tested
 - When disconnected from the sensor, there are three noisy channels and one dead
 - When connected with the sensor, the pedestals are significantly higher than FEB-0
- W producers asked about the funding progress.....
- Happy holidays!!