

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			x	x	09 am
09 am			x	x	10 am
10 am			x	x	11 am
11 am			x	x	12 noon
12 noon					13 pm
13 pm			x		14 pm
14 pm		x	x	x	15 pm
15 pm		x	x	x	16 pm
16 pm		x	x	x	17 pm
17 pm		x	x	x	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@luxeluxe 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@luxeluxe 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!!