

Subject: TIC meeting , September 30, 2024 (preTDR, Version0; Calorimeter testbeam) - main outcome

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Date: 10/3/2024, 3:25 PM

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Dear Colleagues,

this e-mail is to underline the main outcomes of the September 30th TIC meeting, dedicated to (i) preTDR draft, Version0 and (ii) first news from the September calorimeter test beam.

Communications on September 30:

- from TC-office: In the DSC dedicated to gaseous trackers, two colleagues start serving as DSTCs: Annalisa D'angelo and Francesco Bossu'; this new structure of the DSC better reflect the organization of the work inside the DSC itself.

(i) preTDR draft, Version0

The preTDR draft, Version0 is a successful exercise; by October 1st, the material from all the subsystems has been

uploaded, a part a single one, which is being added by Sunday October 6.

Following the request of several writers, the publication on ZENODO of Version0 is moved to October 7th early hours (dead-line for material uploading on Sunday October 6th).

The current version on ZENODO is a placeholder.

The reviewing process will also start on October 7th.

Two google forms (one for chapter 2, the other one for chapter 8) are ready and, starting on October 7th, the whole collaboration is invited to read and send feedback.

Moreover, the internal reviewers will scrutinize with particular care the sections assigned to them.

(ii) first news from the September calorimeter testbeam

The rich report corresponding to abundant work performed during the test beam has been appreciated.

A first LFHCAL module was realized and tested with e, mu and hadron beams at a CERN.

The FEE ASIC used is HGCROC. During part of the time, the CAEN DT5202+DT5215 Readout was used to provide comparative information. A nice event display was built and operated.

The first look at the still raw information is largely encouraging.

EEEMCAL has used the same beam parasitically, in preparation for the dedicated testbeam at DESY.

If this notes need corrections/integration, please, write me back.

Thank you.

Best greetings, Silvia

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