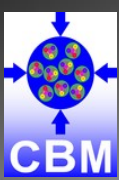
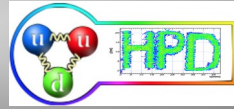


Status

*TRD-2D weekly meeting
26th October 2021*



TRD-2D topics and responsibilities



FEE development for mCBM

- test to the second GBTx at GSI started
- test communication with SCA (slow control), testing various configurations. WIP

TRD-2D wire winding and tension measurement devices

- First try of a cathode wire plane of ALICE type. Software might need recalibration
- Transmission problems which has to be addressed (RA)
- measuring device for distance and wire tension (Cristi) 1wk
- wires A & K for the new prototype (Mariana, Laura Cristi) 1wk
- spacer calibration device (pieptene) for 1.5mm has to be produced. A first version of it can be discussed with RA and tested if it is enough for current needs. (Laura) 1 week
- Joerg will provide the 3mm device (Mariana, Joerg) 1 week
- The design can be implemented on a PCB. Precision of 0.1 mm. (Claudiu)

Entrance window construction

- next deadline 2wk (MP and RA)
- the entrance window ledges for the Kapton prototype can be done by Gigi. Vali and Lucica can assemble the window. (Laura) 1wk

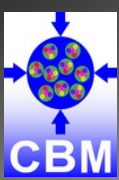
TRD-2D Addendum

- see

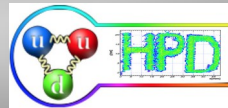
https://indico.nipne.ro/event/159/contributions/202/attachments/146/227/TRD-TDR-Addendum_TRD2D_ECE-ECSG_211127.pdf

Youngsters involvement in the group

- Next Monday finish tutorial introduction.



Further tasks



CERN-PS participation in '22

- deadline *might be missed* by the SPADIC 2.4.
- FEE should be solved by GSI
- The importance of PID for TRD-2D should be assessed together with the CBM/FAIR
- *decision up to 15.11. has to be communicated to CERN*

ECR : LV and HV

- To be further discussed during TRD weekly meeting on 27.10
- We should collaborate with the TRD colleagues from Muenster to define tasks to be solved by us for a COMMON system.
- <https://git.cbm.gsi.de/trd/reports/edr-lv-and-hv>

DAQ TDR

- <https://git.cbm.gsi.de/doc/tdr-online>
- the following contributions are asked from us:
 - Section 4.1.2.2 -> Claudiu, Alex and TRD-2D team
 - Section 5.10.8 -> Claudiu and TRD-2D team
 - Section 3.1.1 -> Claudiu, Alex and TRD-2D team
 - Section 3.1.2 -> Claudiu, Alex and TRD-2D team

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We will check on a weekly basis if there is progress. You can continuously work on the document and commit frequently. We do not expect a fully polished answer as 1st draft.

- we intend to complete the document by end of 2021, which means we have about 8 weeks to come to a final version
- 1st work meeting on the Online TDR - Part I:
 - Friday Oct 29, 2021, 10:00 <https://indico.gsi.de/event/13472/>
 - The subsystems are asked to prepare their contribution to section 3.1.1 "Data Rates".