MINISTERUL CERCETĂRII, INOVĂRII ŞI DIGITALIZĂRII

IFIN-HH

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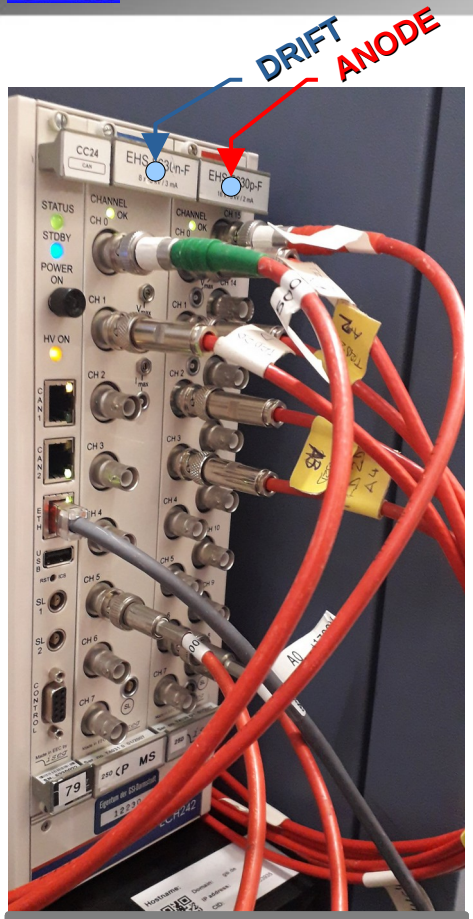
TRD2D upgrade
mCBM May 2022
Day 4

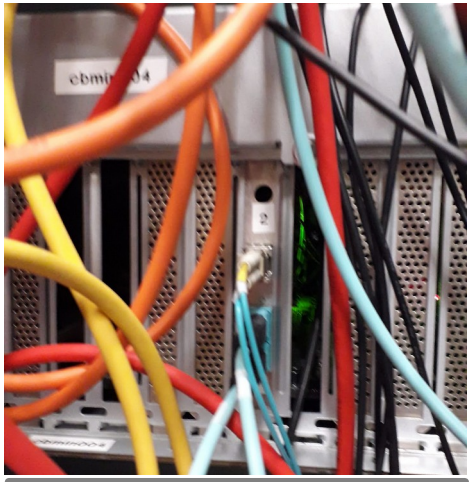
5th May 2022

TRD2D connectivity day



HV. 4 anode lines and 1 drift line were rerouted to the HV unit of TRD1D. Anode slots (0-3) Drift slot 2 (see Fig.). Steering script prepared by Philipp.

LV. 3 LV lines are now allocated for the TRD2D. The cables are labeled 3FEE, 3ROC and 4FEE (according to original planning). The software id being 104, 105 and 106 respectively.
The 4FEE/106 is connected to the old CROB/GETS. 104 and 105 will be installed on 16th.
Software controls done and tested (David)



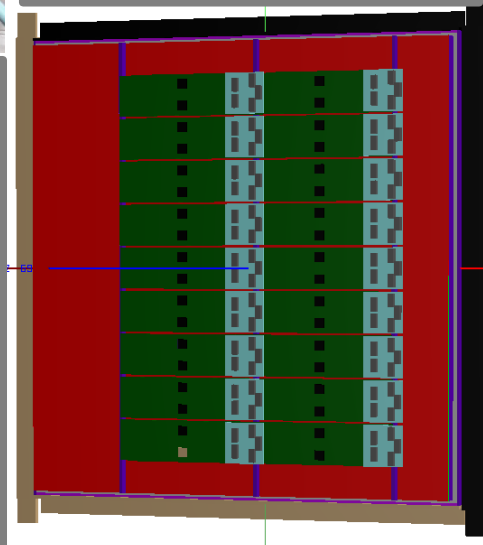
FW. Connection to CROB→ GETS access Tested / OK

DCA/DCS : Software (SW) controls for switching ON/OFF individual channels (work in progress)

DATA : No pulser / Fe tests performed on site (depends on SW control). A possible window of opportunity will be on 10th May (Florian/Christian)

CbmRoot. Cartoon of the TRD2D detector as represented in mCBM setup for benchmark run.
https://git.cbm.gsi.de/CbmSoft/cbmroot_geometry/-/merge_requests/174

Acceptance studies for the mCBM setup are programmed for next week (David)



Conclusions

A dedicated meeting will be needed.
Preferably on Monday 9th May 9:00
to discuss the progress and outlook