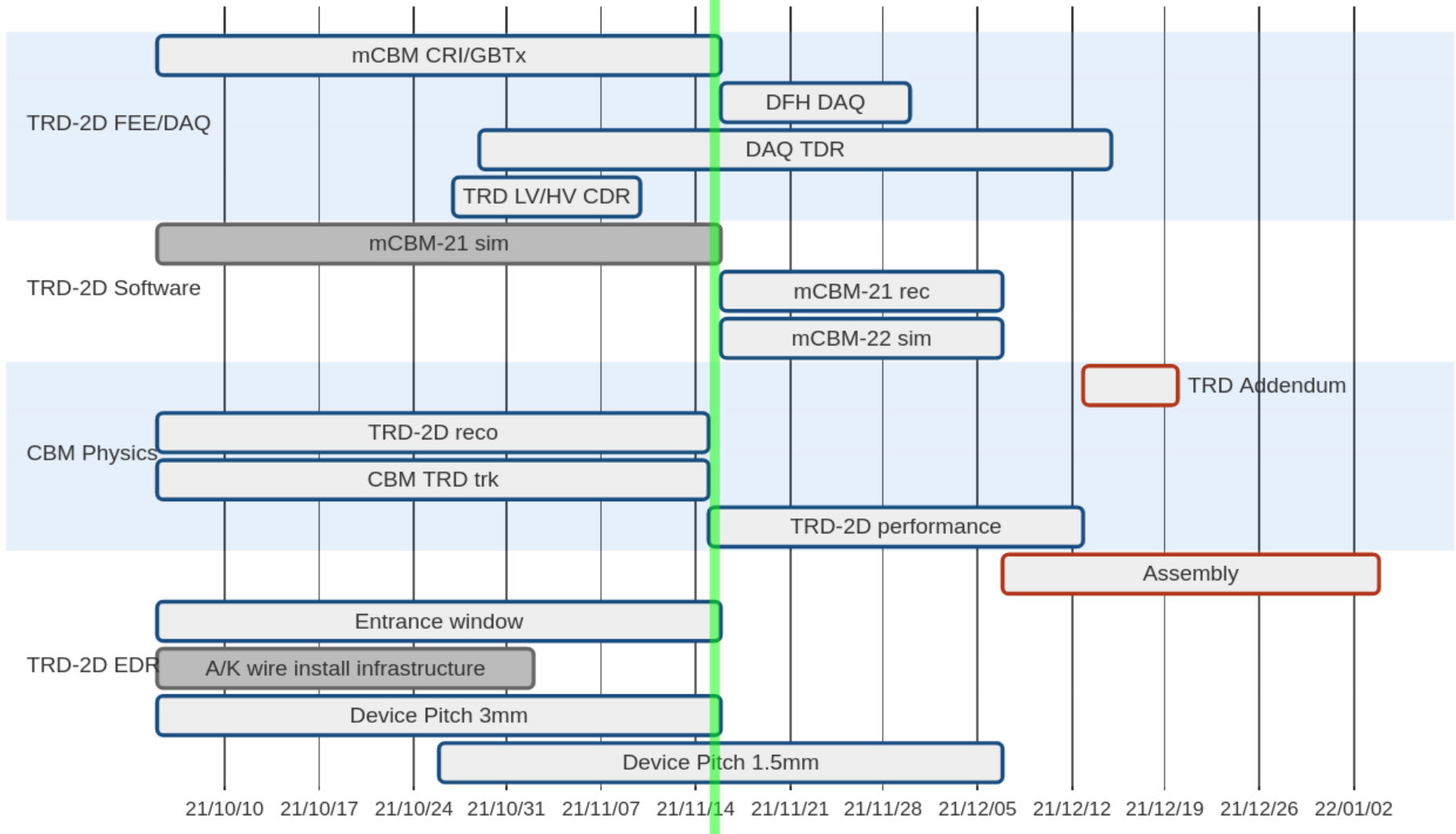
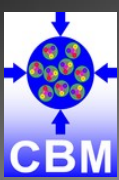


Status

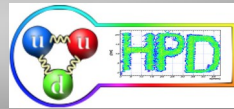
TRD-2D weekly meeting
16th November 2021

TRD-2D Pre-Production Project Overview





TRD-2D ongoing activities

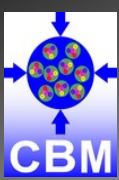


mCBM

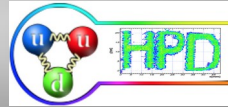
- [Claudiu] FEE development, test to the second GBTx at GSI. test communication with SCA (slow control), testing various configurations.
- [Alex] Next *mCBM Meeting* will take place on *Monday, November 22nd*, 09:00 CET.
- [Alex] *mCBM Simulations // Data Analysis Group* (urgent need help)

TRD-2D prototype construction

- [Mariana, VDuta] spacer calibration device (pieptene) for 1.5mm has to be produced. A first interaction with Optoelectronica is scheduled 4th Nov 2021. Need estimation
- [Mariana, Joerg] Joerg will provide the 3mm device depending on export timing on GSI.
- [Laura] Entrance window construction → See dedicated slot in the current meeting



TRD-2D ongoing activities



CBM software

- [Alex] Simulation for the sis100 electron setup. Needed for:
- [Alex] Reconstruction. Needed for:
 - "WIP: Reco trd2d" https://git.cbm.gsi.de/computing/cbmroot/-/merge_requests/520

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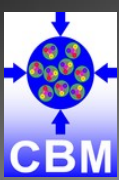
☐	#	Tracker	Status	Priority	Subject	Assignee	Due date	Updated	% Done
☐	2332	Support	New	Normal	mCBM setups 2022 require a parameter files for TRD v22a and v22b	Alexandru Bercuci		11/15/2021 10:58 AM	
☐	2328	Test	Feedback	Normal	Digi significance	Alexandru Bercuci		11/12/2021 10:18 AM	
☐	2215	Development	New	Normal	Develop a mCBM geometry for the July 2021 beamtest	Alexandru Bercuci		08/23/2021 10:12 AM	
☐	1596	Development	New	Normal	Create mTRD geometry for spring 2021 - 1x TRD-HR + 2x TRD-MS/FR	Alexandru Bercuci	03/20/2020	06/25/2020 01:03 PM	
☐	1168	Bug	Assigned	Urgent	Trd parameter handling slows done global trackfinding by a factor of 6	Alexandru Bercuci		10/21/2019 08:11 PM	
☐	1140	Development	New	Normal	Hit reconstruction in TRD mCBM	Alexandru Bercuci		09/26/2018 05:10 PM	

Issues

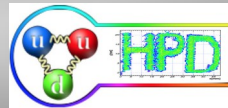
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TRD-2D ongoing activities



TRD-2D Addendum

- [Taku, Alex] Taku Gudji will provide (1w) a review summary for the Addendum
- [Alex Sergey] After the implementation of TRD-2D in the reconstruction a physics chain performance has to be elaborated wrt TRD-1D
- [Alex] Impact on the electrons reconstruction
- [Mihai, Alex] CERN-PS participation 2022 for PID performance update.

From Mihai Petrovici ★

Subject **[Fwd: [CBM-TECHBOARD] CBM Technical Board 16.11.2021]** 11/11/21, 10:07 AM

To Alexandru Bercuci ★, Claudiu Schiaua ★, Laura Radulescu ★ 2 more

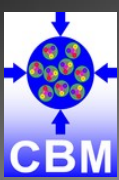
Tags **Important**

Dear All,

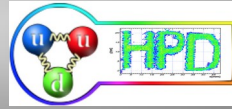
15, 16, 17 si 18, saptamana viitoare are loc ISAB-ul RO-CERN.
Este prin zoom dar programul nu-i inca anuntat. Foarte probabil, tinand cont ca John Harris este in Yale, programul sa inceapa mai spre pranz.
In aceasta situatie pot participa si eu la CBM-TB.
Trebuie insa discutat daca Alexandru prezinta ceva si ce prezinta.
Discutii de tipul celor din meetingul CBM-TRD de ieri pe mine au cam inceput sa ma oboseasca. Sigur ca eram in on-line, dar eu inca aud bine, nu pot participa intr-un dialog al surzilor. Philipp avea e-mailul de la mine si era cel putin politicos sa discute pe marginea lui. Senzatia mea este ca ei sunt precum Cupidon si evita orice comparatie directa intre cele 2 arhitecturi, FEE-urile asociate si DAQ-ul tip CBM.
Sa nu mai vorbim de meetingul cu concluziile ECE ..., astia ar trebui sa fie implicati si in discutiile de forum a noului guvern de la noi ...

KIT,

Mihai



TRD-2D ongoing activities (II)



ECR : LV and HV (<https://git.cbm.gsi.de/trd/reports/edr-lv-and-hv>)

- [Alex Claudiu] a list of topics have been started on GitLab repository
- [Alex] DC-DC converters for FASP/GETS to be added to the CDR.

DAQ TDR (<https://git.cbm.gsi.de/doc/tdr-online>)

- [Claudiu] accepted to be the contact person !!!
- [Claudiu, Alex] → Section 3.1.1;
- [Claudiu, Alex] → Section 3.1.2

Youngsters involvement in the group

- Adriana Nan from **Faculty of Electrical Engineering and Computer Science, Brasov** from Prof. Mihai Ivanovici.
 - Both will come on 22nd November in IFIN-HH for a face-to-face meeting.