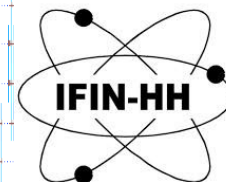


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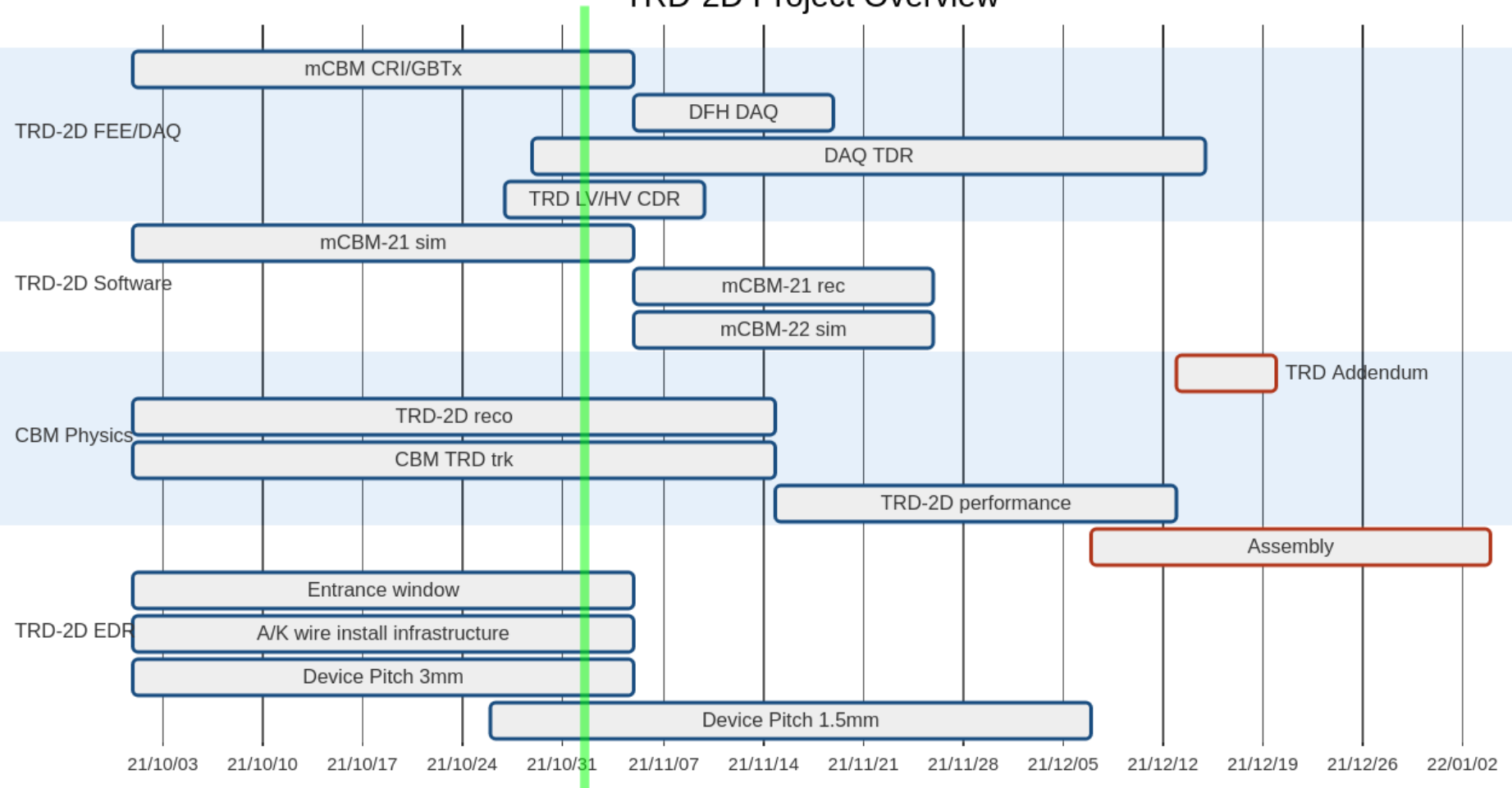
www.ifin.ro

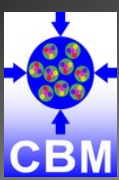


Status

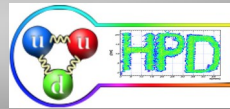
*TRD-2D weekly meeting
2nd November 2021*

TRD-2D Project Overview





TRD-2D ongoing activities



FEE development for mCBM

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

TRD-2D wire winding and tension measurement devices

- [DONE] First try of a cathode wire plane of ALICE type. Transmission problems which has to be addressed (RA)
- [Cristi] Measuring device for distance and wire tension. Need testing/calibration wrt nominal values !
- [DONE] wires A & K for the new prototype – need final
- [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.

Entrance window construction

- [DONE] the entrance window ledges for the Kapton prototype can be done by Gigi.
- [Laura] Vali and Lucica can assemble the window. 1wk

TRD-2D Addendum

- Takko will provide (1w) a review summary for the Addendum
- After the implementation of TRD-2D in the reconstruction a physics chain performance has to be elaborated wrt TRD-1D
- Impact on the electrons reconstruction

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

- First interaction during TRD weekly meeting on 27.10
- Not clear how to continue, e.g. DC-DC converters.

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

- Section 3.1.1 -> Claudiu, Alex and TRD-2D team
- Section 3.1.2 -> Claudiu, Alex and TRD-2D team

Youngsters involvement in the group

- Daniel went into repeating the test.
- George opted for stand-alone development.