Notes of WP3 Meeting at Valencia

Task 3.1

All participants agree that the WP management is the next best thing to deep fried Mars bars …

Task 3.2

ALPIDE upgrade is proceeding well, Action points
- MS8 may be delayed, because we decided to go for a new cost-conscious design
- Understand if we can make the hardware design available as OpenHardwarre
- Needs to start discussions, what sensor we plan to use for D3.3
- If other groups than CERN/DESY want to use ALPIDES , they need to take care of the export license
- The common cold box is due in basically 6 month, we need a specification and get it made … this is now on the critical path as there has not been any progress up to now from CERN
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Task 3.3

Timepix4 is advancing well, but time resolution is not yet as good as we expect. There are also issues with the DAQ boards, these need to be sorted before rolling out planes to DESY. The new TLU is a bit delayed due to recruitment issues, but D3.2 is only due in Month 39
Actions
- Conclude the connector discussion for the PicosecondTLU, Displayport only or Displayport+ HDMI
- Use some MD period to test,if the AIDA TLU syncs with the DESY clocks
- Nikhef to do EUDAQ2 integration also start to roll out boards as soon as the issues have been resolved
- Bristol & DESY to discuss who would mass-produce the Picosecond TLU's the mistakes from the AIDA2020 TLU should not be repeated

Task 3.4

EUDAQ2 development is driven by user needs, if there are no user requests, the code will be maintained, but active development is limited right now. Monitoring development is now well advanced building on the Corryvreckan framework, but it now to be pushed out to some benevolent test users

Actions
- The Monitoring code needs to be tested in the field
- Figure out how to e.g. monitor temperatures, etc

Task 3.5

The Caribou part of the Task is in good shape and is moving ahead nicely. For the VMM3a part the current state of the project shows little effort of integrating into the common AIDA tools. It is not enough to deliver something that is only usable for RD51, the team needs to drive the Integration of the AIDA common tools ahead, this is part of the deliverable and not an optional development

Actions
- Vmm3a team to contact the EUDAQ2 developers to learn about how to integrate
- Starting using the TLU for triggering and clock