















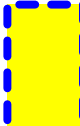











| tag | task | priority | assignee | consultant | responsible | due date | PR | status + dependence | |
|---------------------------|--|----------|-------------------|------------|-------------|----------|------------------------|---|---|
| geometry: | | | | | | | | | |
| g1 | <i>final Run3 geometry update (XML)</i> | | Fabrizio, Gustavo | | ? | | #35380 |  |    |
| g2 | <i>fix: submit missing files</i> | | Gustavo | | ? | | #35399 | | |
| g7 | <i>upload of geometry to DB (fileblob)</i> | | Wagner | | Fabrizio | | | | |
| g8 | <i>upload of ggometry to DB (pre-processed) also GT update</i> | | Wagner | | Fabrizio | | | | |
| g18 | <i>default reco sequence uses pre-processed geometry</i> | | Wagner | Jan | Fabrizio | | #34549 |  | |
| g10 | <i>remove geometry specs from reco cff files</i> https://github.com/cms-sw/cmssw/issues/31360 | | missing! | | ? | | |  | |
| g11 | <i>organise files in Geometry/VeryForwardData/data</i> | | a newcomer | Clemencia | Fabrizio | | |  | |
| g19 | <i>disable building of misaligned geometry by default</i> misaligned geometry causes problems in PPS HLT sequence (probably due to missing conditions in DB) | | Jan | | ? | | #35423 |  | |
| g20 | <i>bug fix of Run2 pixel topology</i> recovers low-x pixel acceptance in Run2 direct simulation WFs | | Fabrizio | Jan | ? | | #35671 |  | |
| reconstruction: | | | | | | | | | |
| re3 | <i>update of N-F association cuts: class, DB infrastructure</i> | | Grzegorz | Jan | | | #35248 |  |    |
| re4 | <i>update of N-F association cuts: DB upload</i> | | Wagner | Jan | | | | | |
| re5 | <i>update of N-F association cuts: use DB by default</i> | | Jan | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| direct simulation: | | | | | | | | | |
| ds1 | <i>adjust Run3 alignment</i> | | Jan | | ? | | #35424 | |  |
| ds4 | <i>backport to CMSSW 10_6</i> backport of features only available in 11_X/12_X to the release used for Run2 analyses | | missing! | | POG | | |  | |
| DQM and validation plots: | | | | | | | | | |
| dqm5 | <i>timing RPs – support for SAMPIC readout</i> adds sampic reco to the standard PPS reco sequence, for PPS DQM sequence it removes TOTEM timing and adds diamond sampic, in the DQM module it adds flags to enable/disable plots for online/offline DQM | | Chris | | DPG | | #35445 |  | |
| dqm10 | <i>timing RPs – update diamond DQM</i> | | Chris | | DPG | | #35454 |  | |
| dqm11 | <i>common module – update RP ids</i> | | Jan | | DPG | | #35484 |  | |
| dqm6 | <i>timing RPs – extract harvesting code to harvester modules and add per-LS plots</i> | | missing! | | DPG | | |  | |
| dqm9 | <i>include PPS to T0 processing</i> | | Fabrizio | | DPG | | link |  | |
| dqm12 | <i>use Run3 era in online DQM, fix in master</i> | | Jan | | ? | | #35550 |  |  |
| dqm13 | <i>use Run3 era in online DQM, backport to 12_0</i> | | Jan | | ? | | #35551 | | |
| val1 | <i>more validation plots</i> details of N-F association efficiency, distances between tracks in each RP, t bias and resolution 2D histogram | | Jan | | ? | | #35740 |  | |
| PCLs: | | | | | | | | | |
| pcl5 | <i>alignment – update of config classes</i> | | Mateusz | Jan | DPG | | #35174 |  |      |
| pcl6 | <i>alignment – upload of alignment config</i> | | Mateusz,Wagner | Jan | DPG | | | | |
| pcl7 | <i>alignment – PCL-like matrix workflow</i> | | Mateusz | Jan | DPG | | #35631 | | |
| pcl8 | <i>alignment – inclusion in central PCL</i> | | AlCa | | DPG | | | | |
| pcl9 | <i>fix of matrix tests – alignment and timing calibration</i> | | Mateusz | Jan | DPG | | #35631 | | |
| | | | | | | | | | |
| nanoAOD: | | | | | | | | | |
| na2 | <i>simu tracks and protons in nanoAOD</i> idea: run “direct” simu during nanoAOD production by default, this would be disabled, but available for private use | | missing! | | POG | | |  | |
| framework: | | | | | | | | | |
| fmw1 | <i>UBSAN issue in TotemSampicFrame</i> details in here | | Chris | | ? | | #35654 |  | |
| fmw2 | <i>UBSAN issue in CTPSPixelDigiToRaw</i> details in here | | Fabrizio | | ? | | #35592 |  | |
| other: | | | | | | | | | |
| ot1 | <i>standardised code for simu + PU event merging</i> code for standard PPS procedure of mixing (rec-hit level) simu signal with PU from unrelated real LHC events | | Andrea? | | POG | | |  | |