

| tag | task | priority | assignee | consultant | responsible | due date | PR | status + dependence |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|------------|-------------|----------|------------------------|---------------------|
| geometry: | | | | | | | | |
| g5 | <i>fix overlaps of diamonds</i> | | ? | | ? | | | <div></div> |
| g6 | <i>update pixels for Run3</i> | | Fabrizio | | Wagner | | | <div></div> |
| g7 | <i>upload Run3 geometry XML to DB</i> | | Wagner | | Fabrizio | | | <div></div> |
| g11 | <i>organise files in Geometry/VeryForwardData/data</i> | | ? | | ? | | | <div></div> |
| g8 | <i>pre-processed geometry to DB – initial</i> * use a place-holder for Run3 * default reco sequence uses pre-processed geometry | | Wagner | Jan | Fabrizio | | | <div></div> |
| g2 | <i>remove geometry specs from reco cff files</i> https://github.com/cms-sw/cmssw/issues/31360 | | ? | | ? | | | <div></div> |
| g9 | <i>pre-processed geometry to DB – updated for Run3</i> | | Wagner | | Fabrizio | | | <div></div> |
| g12 | <i>check compatibility of scoring plane z</i> the same z should be used by strip RPs, pixel RPs and optics | | Jan | | Fabrizio | Jan 2021 | | <div></div> |
| g13 | <i>recognise volume names in simu</i> | | Carl Vuosalo | | | | #32667 | <div></div> |
| direct simulation: | | | | | | | | |
| ds5 | <i>fix in CTPPSCompositeESSource</i> | | Jan | | ? | | #32640 | <div></div> |
| ds2 | <i>tracking-RP efficiency</i> | | Jan | Andrea | DPG | Jan 2021 | | <div></div> |
| ds3 | <i>use cloning in cff files</i> to address issue #32448 | high | Laurent | | Jan | Jan 2021 | | <div></div> |
| ds4 | <i>backport to 10_6</i> | | Jan | | ? | Jan 2021 | | <div></div> |
| DQM: | | | | | | | | |
| dqm2 | <i>timing RPs – add new Run3 RPs</i> | | Laurent | | DPG | | | <div></div> |
| dqm3 | <i>timing RPs – other possible tasks</i> config flags to enable/disable plots for online/offline DQM, acquisition window size steered with a run-time parameter, TotemTimingDQMSource adapted for SAMPIC, extract harvesting code to harvester modules | | ? | | DPG | | | <div></div> |
| PCLs: | | | | | | | | |
| pcl1 | <i>timing calibration</i> | | Laurent | DB | DPG | | | <div></div> |
| pcl2 | <i>alignment</i> | | Mateusz? | Jan, DB | DPG | | | <div></div> |
| 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 | | Justin? | Jan | POG | | | <div></div> |
| na3 | <i>backport of #31531 to 10_6</i> | high | Justin | | POG | | #32616 | <div></div> |
| other: | | | | | | | | |
| ot1 | <i>standardised code for simu + PU event merging</i> code for standard PPS procedure of mixing simu signal with PU from unrelated real LHC events; mixing on digi or rec-hit level? | | Andrea? | | POG | | | <div></div> |