tag	task	priority	assignee	consultant	responsible	due date	PR	status + dependence

geometry:

tag	task	priority	assignee	consultant	responsible	due date	PR	status
g3	*update of diamond geometry for Run3*		Laurent		?		#31484	green
g4	*fix z sign of diamonds* LHC sector 45 should have z negative etc. * for Run3: correct z sign already in XML files * for Run2: z sign corrected in geometry builder Remove sign fixing from: proton reco, direct simu		Jan				#32603	green
g5	*fix overlaps of diamonds*		?		?			red
g6	*update pixels for Run3*		Fabrizio		Wagner			orange
g7	*upload Run3 geometry XML to DB*		Wagner		Fabrizio			red
g11	*organise files in Geometry/VeryForwardData/data*		?		?			red
g8	*pre-processed geometry to DB – initial* * use a place-holder for Run3 * default reco sequence uses pre-processed geometry		Wagner	Jan	Fabrizio			orange
g2	*remove geometry specs from reco cff files* https://github.com/cms-sw/cmssw/issues/31360		?		?			red
g9	*pre-processed geometry to DB – updated for Run3*		Wagner		Fabrizio			red
g12	*check compatibility of scoring plane z* the same z should be used by strip RPs, pixel RPs and optics		Jan		Fabrizio	Jan 2021		red
g13	*interprete DD4Hep values with DD4Hep units*		Gabrielle		-		#32538	green

optimisations:

tag	task	priority	assignee	consultant	responsible	due date	PR	status
opt1	*systematic use of edm::DetSetVector::emplace_back* cf. https://github.com/cms-sw/cmssw/pull/26069		Laurent		Jan		#32572	green

direct simulation:

tag	task	priority	assignee	consultant	responsible	due date	PR	status
ds0	*per-year simulation with distributed conditions*		Chris, Jan		?		#32207	green
ds5	*fix in CTPPSCompositeESSource*		Jan		?		#32640	yellow
ds1	*2021 profile* adds also a default RP-position file with reasonable RP-beam distances (2mm for horizontal and 7mm for vertical RPs)		Jan				#32602	green
ds2	*tracking-RP efficiency*		Jan		DPG	Jan 2021		orange
ds3	*use cloning in cff files* to address *issue #32448*	high	Laurent		Jan	Jan 2021		orange
ds4	*backport to 10_6*		Jan		?	Jan 2021		red

DQM:

tag	task	priority	assignee	consultant	responsible	due date	PR	status
dqm1	*pixels – innocent bug fix* NROCsMAX instead of NplaneMAX *here*		Andrea	Fabrizio	Jan		#32584	green
dqm2	*timing RPs – add new Run3 RPs*		Laurent		DPG			orange
dqm3	*timing RPs – other possible tasks* 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 harverster modules		?		DPG			red

PCLs:

tag	task	priority	assignee	consultant	responsible	due date	PR	status
pcl1	*timing calibration*		Laurent	DB	DPG			orange
pcl2	*alignment*		Mateusz?	Jan, DB	DPG			red

nanoAOD:

tag	task	priority	assignee	consultant	responsible	due date	PR	status
na1	*reco tracks and protons in nanoAOD* Includes filter module to apply POG quality recommendations		Justin	Jan	POG		#31531	green
na2	*simu tracks and protons in nanoAOD* idea: run "direct" simu during nanoAOD production by default, this would be disabled, but available for private use		Justin?	Jan	POG			red
na3	*backport of #31531 to 10_6*	high	Justin		POG		#32616	yellow

framework:

tag	task	priority	assignee	consultant	responsible	due date	PR	status
fwk1	*thread-safe ES data retrieval in all PPS code*		Laurent		Jan		#32606	green