

Main activities - I

- LHC sequences
 - New as-designed and as built (still some debugging to be done)
 - Generation of related files (survey, Beam 4, thin lens etc.)
- Aperture model:
 - New file with vacuum markers
 - Tolerances for CT2 chambers (CMS) awaited soon.
 - LE (interconnection cryostats) data to be added
- Draft note on target beam parameters in preparation

Main activities - II

- Optics

- IR2

- pre-squeeze and squeeze optics (for 5 TeV or higher) ready. File format to be adapted for settings generation.
 - New squeeze at 3.5 TeV: still in progress

- IR8

- pre-squeeze and squeeze optics (for 5 TeV or higher) almost ready (aperture verifications).
 - New squeeze at 3.5 TeV: still in progress

- IR1/5

- Everything ready
 - Generation of a third knob for the transverse IP offset during the squeeze