

Elena project - Planning situation

Annexed building (L A Lopez-Hernandez)

- CFT can't be sent out in due time (May/June at the latest)
- Depending on finance committee of December this year
- Site activities might most probably not start before mid-2013, so that the building delivery can't take place before March/April 2014 (and AD restart planned on April/May!)

Magnets (Th. Zickler)

- CFT : march 2013
- Delivery at CERN : October 2014
- Pre-series and tests at CERN
- Ready to install : May 2015

Septa (J. Borburgh)

- If no changes regarding to present techn. requirement → CERN fabrication → can be ready for installation in May 2014 (electrostatic septa seem not to be possible)
- If changes in the design are coming → possible collaboration with industry → too earlier to confirm if OK with present planning constraints

AD Kicker platform (L. Sermeus)

- OK for present planning
- New metal support will be manufactured
- New cables will be laid
- → building layout to be finalized before further studies (cabling and frame)

Kickers (L. Sermeus)

- Etude et dessins kickers d'injection et d'extraction jusque 07-2013.
- Commandes de 01-2013 à 03-2014.
- Livraisons de 06-2013 à 10-2014
- Tests labo 07-2014 à 12-2014
- Prêt pour installation 01-2015

RF (M-E Angoletta)

- Concerns Low Level RF, cavities and longitudinal PU
- Manufacturing for LL RF and cavities should be OK for the planning
- Concerning longit. PU, scope too vague for the moment. Don't know precisely what to do/how to proceed. New challenge, like make them "bake-out-able"
- Insist on the fact that final design of Elena machine is necessary before planning confirmation (especially for longit. PU)
- As a consequence, will only be possible to confirm a planning by end of the year (new design is an iterative process)
- Manpower is also an issue. Collaboration from institutes not yet confirmed (e.g. Berkeley)
- Software is a big job and falls on the same period as other machines (L4, ...) → could be the bottleneck !

Power converters (G. Le Godec)

- Spending profile shows fabrication in 2014 and deliveries in 2015. Tests to be foreseen as well
- Control by means of FGC3 to be developed
- Installation in build 193
- See John Baillie and Gilles Simonet

Travelling crane in annexed building (C. Bertone)

- As soon as dimensions are definitive, about 5 months between order and site delivery

Cooling & ventilation

- Cooling water : Stefano Moccia
- Ventilation : Michele Battistin
- For the ventilation: only ventilation at the beginning. Air conditioning later with connection to PSB chilled water (LS2)
- For cooling water: situation to be clarified before defining a planning (some additional flexible hoses or complete new cooling station??)