

High-Gradient coordination meeting minutes

Present: L. Dassa, F. Gerigk, P. Yilmazer, K. Schirm

INDICO page: <https://indico.cern.ch/event/621755/>

Agenda

1. Planning milestones for CM completion (Luca/Pinar)
2. Magnetic shield procurement (Luca/Pinar/Suitbert)
3. Funding requests for 2017/18 (all)
4. Chemistry and cold tests of cavity 3 and 4 (Alick, all)
5. Update on CERN cavity production status (Ofelia)
6. Talks and travel to SLHIPP 2017
7. A.O.B.

1. Planning milestones

A schedule shift of 6 months was agreed as the assembly space in front of the clean rooms will be occupied by the Crab Cavity tooling and not be available for the HG module. Therefore the cryostating will have to be done in the extension, which can probably start in September 2018. With this shift the major milestones that interface with RF are:

- Cavities needed: September 2018
- Clean room string assembly: September 2018
- Cryostating SM18: October/November 2018
- Ready for cold test: April 2019

2. Magnetic shield procurement

- The material will be bought separately by CERN,
- MS,
- make the sample production part of the tendering process,
- tender will be decided after the test of samples,

3. Funding requests for 2017/18

MME: ~680 paid + 380 committed, (includes 140 carry over: 60 paid in 2017 + 80 committed, incl. 100 kCHF for a fellow).

4. Chemistry and cold tests of cavity 3 and 4

The chemistry of cavities 1-3 is done, cavity 1 may need some grinding and light chemistry afterwards, cavity 4 and the CERN cavity will still have to be treated. The cold tests can probably not be done in 2018, however a six month shift in the schedule would probably provide enough time.

5. Update on CERN cavity production status

Pieces are ready for EBW. Welding can be done after the crab cavities.

6. Talks and travel to SLHIPP 2017

Sotirios on magnetic shields,
Pinar 10-15, reminder of CM architecture and status,
Karl will send his proposals

7. AOB:

cold magnetic shields, quotes between 37 and 50 kCHF
thermal shield purchase, procurement start 1 May,