

MDI Common Task Group Phone Meeting

November 21st 2012, 14:00 – 15:00 UTC

Present

K. Buesser, P. Burrows, T. Markiewicz, M. Oriunno, K. Sinram, Y. Sugimoto, T. Tauchi

Discussion on List of Future MDI Talks

Marco, Tom and Klaus have met at SLAC in the week after the Arlington LCWS and assembled a list of possible future MDI topics. The list concentrates on engineering issues (push-pull, civil facilities) and does not cover physics related topics like beam spectra, polarisation issues, backgrounds, etc.

The main discussion topics and results of the meeting are:

- It is expected that the resources for MDI work in the next couple of years will be sparse.
- The good collaborative working spirit between the detector concepts, the machine and the infrastructure groups should be kept.
- Dedicated engineering resources exist only for some topics. The KEK group is interested to continue the work on the interaction region cryogenics and on vibration studies. Synergies with the CERN CLIC group should be exploited as well, e.g. in the studies for the detector motion system, alignment or earthquake protection.
- Some topics can be covered without specialised engineering resources and can be worked on by the present MDI members. Examples are the requirements for the surface buildings or the studies of beam commissioning scenarios. Close contacts need to be kept with expert groups (CFS, BDS) where possible.
- The physics related MDI topics (backgrounds etc.) should be re-visited. Existing studies and open questions should be assembled.
- The MDI members should send their assessment of the current list of topics and their estimate of what could be worked on on the timescale of the next year to Karsten. He will evolve the list into a provisional working plan that should be shown to PAC review that takes place on December 13/14 at KEK.