

09.19.2013 EC

Present: Stepan, Maurik, FX, Raphael, Tim, Takashi, John, Marco Oriunno, Per Hansson

Please send comments/corrections to the whole EC.

1. HPS Test Run publication. [2013-09-19-testrun-paper-outline-ec-meeting.pdf](#)

Pelle showed the outline for the paper, a list of what still needs to be done, his plan for getting input on his existing rough draft, and hopes for first distribution to HPS in a couple of weeks. See above. Most thought the document should just describe what has already been done--no new work needed. Several offered to help produce the first draft.

2. Thesis Topics. [Sho thesis proposal.pdf](#) [Draft HPS Thesis Policy and Guidelines.docx](#)

We continued the discussion from last time. Sho has prepared a thesis proposal, attached above. Omar is preparing one. Also attached above, John showed a draft of "HPS Thesis Policy" and a list of topics. Stepan urged us to think of the data from the 2014-2015 run as a unit, and expressed doubts as to whether we'd get 6.6 GeV running. He preferred theses being identified as first data (2014-2015), second data set, and so on. Re policy, there was discussion of having multiple theses on the topics Sho and Omar have already chosen. Ideally, we would hope not to have duplicate analyses, but if there were substantial differences in analyses and unique contributions in a second analysis duplication would be ok. Raphael worried about the paucity of thesis topics available for the 2014-2015 run. European students will need a thesis topic assigned when they are enrolled, and have just 3 years to complete it. John noted there were topics on the list in addition to the bump hunt and vertex search that could generate more theses on the first data. Not listed, but also possible, are theses on new parts of the apparatus, e.g. the new APDs and muon system. Maurik noted that flexibility could be required if a student proposes a topic that turns out not to be possible with the data collected. Provision for this should be made in the policy.

3. Managing Baseline changes to HPS.

The HPS baseline is defined by the proposal to DOE; it is funded and scheduled. Additions and improvements to HPS, beyond the baseline, are actively being pursued so HPS can add a muon system and upgrade the Ecal with new APDs. How does HPS institute change control to the baseline?

Marco suggested that the subsystem reviews and monthly technical board meetings can provide the EC the information it needs to approve changes to the HPS baseline. Technical feasibility, adequate budget, believable schedule, and adequate manpower will be the deciding criteria. We expect approval to be a formality for the new initiatives being considered.

4. Other business. Stepan suggested to Marco that he present a charge to the subsystems for the upcoming system reviews.

Marco said he's preparing that, and hopes to work out both the charge and the review agenda with the subgroup leaders.