

01.12.20017 EC

Present: Nathan, Stepan, Raphael, Tim, Matt, John

Please send corrections/additions to the EC mail list.

1. John reminded everyone of the DOE Dark Matter Workshop at the U. Maryland March 23-25. It will review all new small experiments bearing on dark matter (including accelerator hidden sector searches) to provide input to DOE for selecting a new round of experiments for support. LDMX and DASEL hope to show well. Other experiments get the chance too.

2. Status of Update for Management Document.

We discussed the latest draft of the document: [Update on HPS Progress toward Physics Publications V0.5.docx](#)

Some specific comments:

1. provide much less detail on WAB identification and fractions.
2. don't mention issue of backgrounds at long decay length
3. separate what the present experiment can do from what the upgrades will do
4. better justify the need for long data runs

We generally concluded that more work is needed with MC and analysis before we can claim to understand the Esum distribution or the fraction of tridents and converted wabs in our data. So we'll postpone submitting the document. For now, we'll generate a list of critical tasks and an action plan.

3. How to push the bump hunt analysis.

Matt suggested that he, Nathan, and Omar generate a list of tasks that will support getting a result out, and look toward assigning them. Raphael suggested a meeting where the list is discussed in detail and help is recruited. Some thought must be given on how best to recruit help from the grad students and the EC.

4. Next Collaboration Meeting

Stepan suggested a collaboration meeting at JLAB close in time to the Dark Matter Workshop mentioned above.

The Workshop is March 23-25 and the CLAS Collaboration meeting is March 28-April 3, so the HPS Collaboration meeting would be Sunday and Monday, March 26-27. We'll consider this and look for other options.

Respectfully,

John