

Weekly Meeting

May 30 2018

NoisePSD Timing

- Waiting to hear back from Scott/Bill about what the raw data trace length will be at SNOLAB
- Once I have that, I will see if any of the test facilities can take raw data with that same trace length
- Also trying to see how I can make running the code more efficient: to run the code on a new raw data file, I need to change the file path in my `.bashrc`, then logout and login – very inefficient

IO Lib in DMC

- Been looking back into this, in talks with Bruno – need to finish putting MIDAS writing capabilities in DMC
- Want to make it more efficient
 - The DMC python code doesn't directly talk with IO LIB c++ code there is a buffer c++ script
 - All of the data from the python code is 'dumped' into this buffer script. This data is then able to be written into midas files by talking with IO LIB
 - Ideally would want to remove this buffer script, and just have the DMC python code talk directly to IO LIB in order to avoid this data 'dumping'

SNOLAB Sensitivity Projections

- Also back looking into doing these SNOLAB sensitivity projects for dark photon limits

Other

- Visa fees and \$15 insurance fee not covered by SLAC.
 - How do I go about getting reimbursed for these?