

LAr R&D Progress Updates

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Lab Safety and Space Management

▸ RM 2-224 safety placard

- The primary contact changed to me from Milind

▸ EEI inspection

- Vacuum pump inspection for DUNE HV testing
 - Rescheduled on this Thursday
- Xenon lamp for the next filter measurement
 - It was purchased before the EEI program
 - Need to be inspected for use
 - Please make an inspection request to me



pTP filter Inventory

- I conduct an inventory on all the substrates we have
 - Every single piece has been located, no lost item
 - They are currently stored separately in batches
 - Cryogenic batch: Line 5, S4, S8
 - Newest batch: S36, S37
 - Thickness measurement batch: S2, S9, S12, S15, S20, S21, S29, S35
 - Storage batch: All the rest of samples
 - Blanks substrates with varied sizes
 - Storage plan
 - Currently in highbay and RM2-xxx with the monochromator
 - I'm putting all the spare samples in my office
 - The samples for on going test stored in a safe in highbay in the cabinet
 - Will extend the inventory to the rest of our essential equipment



Paper status and etc

- I've put in my input addressed all of text comments
- Need to revise Figure 6 and Figure 7 following the new comments
- Asking Yimin for high resolution pictures for Figure 1-5
- Jay is going to give more updates
- The desktop delivered in Sep. still in progress of setup
 - Called ITD, picking up on Friday
- Attempts of getting more LN2 portable dewars
- Finally reached to the person in charge at Airgas for the possibility of renting or loaning more LN2 dewars
 - Unfortunately, Airgas is now no longer willing to offer the dewars to us
 - We need to purchase the dewars
 - Airgas is providing us a quote, my estimation is about 12k for dewars