

LAr R&D Progress Updates

Yichen

2/3/26



Lab Safety and Space Management

▶ **Safety visit to CE testing lab**

- Kin brought lab electrical safety officer
- Walkthru went smoothly, no complaints

▶ **LN2 portable dewar ordering**

- The PO has been pinned to the lab buyer
- Buyer is working on issuing the contract with freight arrangement

260L System Cryogenic Operation

▶ **Slow control system**

- The sensors are connected
- Debugging some minor response issues with the slow control DAQ program

▶ **260-L system operation and purity performance paper**

- Slightly delayed due to laptop problem
- Transferring data out of the old hard disk

Discussion

▶ **NOFO R&D Proposal**

A new Lab NOFO for HEP Detector R&D supports collaborations between Labs and Universities as discussed at CPAD and in RDC meetings. Short summary:

- o Lab-led collaboration with other labs and universities as sub-contractors
- o 2-4 years @ up to \$500k per year shared across all institutes
- o Must be linked to a Priority Research Direction in the HEP BRN
- o Blue sky rather than iterative improvement

BNL can lead up to 3 proposals but may also partner on others. **There will be no more than 3 awards made!** Note: There is an equivalent call for university-led proposals.

Time is short. Here is the calendar for developing the preproposal:

February 6: Send to begele@bnl.gov a 1-pager (attached) with your proposed title, abstract, PI/co-PIs, list of collaborating institutes, and level of needed funding.

February 12: Short presentations to downselect to the final three proposals. Slide templates will be distributed to interested parties.

February 20: Initial drafts of full pre-proposal available for comment.

February 25: Pre-proposals due to the BNL Proposal Office.

▶ **Summer student 06/01-08/07**

- Proposal submitted to educational office