Fermi IBS Meeting

Mar 30, 2022:

1. Action list:
	1. George V: Estimate cost of vent (exhaust) line installation at IB3A from Kelly S and Gary
		1. Check for task code
	2. ZH Sung: Status update of modified CRADA-019 (with TUAT, Japan)
		1. 3 new samples for initial attempts are under fabrication
		2. Need to clarify further fabrication
	3. X Xu: Request quote of wire-drawing with Hyper tech
2. Mono-wire fabrication:
	1. Quote ($40k) of precursor materials fabrication for 30 silver tubes (I.D: 4mm, O.D: 6mm, length: 12.5cm) has been processed.
		1. PO will be placed on Fermi system as a sole source.
		2. One silver tube would be drawing down to ~1mm diameter with 1-2 m length
	2. Fang’s suggestion: the size of wire’s final diameter with wire-drawing would be a parameter to enhance Jc (PPT uploaded)
3. Glovebox:
	1. Upload ORC (operation readiness clearance) by ZH Sung
	2. 5% (H2) – 95% (Ar) cylinder need to be stationed near the glovebox
		1. Discussed at Mar 24, 2022, with Robert J Bushek bushek@fnal.gov, James H Niehoff niehoff@fnal.gov, Del Allspach: allspach@fnal.gov
		2. the FEHM 6020.3 Storage & Use of Flammable Gases chapter [FESHM 6020.3 (fnal.gov)](https://esh-docdb.fnal.gov/cgi-bin/sso/RetrieveFile?docid=409&filename=FESHM%206020-3.pdf&version=7).