



TSD Topical Meeting Announcements

Kevin Lynch

TSD Topical Meeting

2023 September 19

My only two firm rules as Department Head

Everyone goes home to their family every night in one piece.

Family comes first.

Review of TSD Priorities

- 1) Keep people safe at the lab and at home
- 2) Scheduled Project work takes priority over Operations
- 3) Get work done on schedule and within budget
- 4) Accommodate work at home when effective and appropriate

Remember:
Don't panic ... that's
my job.



People make our organization – hires

- Growing our team
 - Welcome Anthony Ramirez!
 - Vet Tech program
 - Approved positions with active searches
 - 1 Scientist/Senior Scientist in the interview phase (MARS, Group Leader)
 - 1 Associate Scientist close to an offer (Science, Mu2e)
 - Positions submitted for formal approval to search
 - E1/E2 (Projects)
 - Proposed positions (previously agreed to by Sasha and Mary, but not submitted)
 - Associate Scientist (Science, Neutrinos)
 - Research Associate (Science, Neutrinos)
 - 2 x Tech I
 - Successor(s) for Tony
 - Yup, we're still trying to figure this one out
 - Associate Scientist (MARS)
 - Things may have changed with some of these due to budgets...

Changes in department leadership

- Yun has asked to step down as Assistant Department Head
 - Thanks to Yun for all her organizational contributions to the department!
- Sudeshna has agreed to take up this role
 - I look forward to her help!

Nomenclature

- What's a "project"?
 - The first number in the task code is the "project"
 - Project 20: Accelerator Operations
 - Project 20SPS: Spares production
 - Project 2107: Mu2e Remote Handling
 - Project 121: PIP-II
 - Etc
- What's a "Project"?
 - Anything that falls under the scope of DOE Order 413B
 - Mu2e, LBNF, PIP-II, ACORN, etc
- What's "project work"?
 - Anything that does NOT get charged to Project 20
- What's "operations work"?
 - Anything that DOES get charged to Project 20
 - Including your home code!
 - 20SPS != 20

Projects > Operations

- “Project work” takes priority over “operations work”
 - That means scheduled work for Projects takes priority over scheduled work for Operations
 - This does not mean that we ignore emergencies! Put the machine in a safe state, then get back to Project work
 - We MUST be charging project labor to project task codes and not to operations
- Why is this important?
 - Budget situation
 - Next slides
 - Have to show DOE we can execute on time and budget!
- We’ve been asked to report on Project work at the Friday AD Operations meetings
 - If Athula asks you for updates, give him a short bullet list of Project work that’s accomplished or on the horizon ... other departments also doing this (MSD in particular)
 - Projects are also reporting on their work: LBNF, ACORN, PIP-II

Fun budget stuff...

- FY23 has been an exceptionally good budget year
 - It's made my first few months as Department Head easy ... I haven't had to say no to pretty much anything that people want to do
 - Especially travel!
 - Except FTRR
 - We're returning lots of carryover to ADHQ
- FY24 will not be a good budget year
 - I will have to say no to lots of things
 - Some of you are already feeling that with rejected travel requests
 - We may not actually have a budget until late in the FY
 - If it comes in lower than DOE guidance, we may have to absorb large cuts late in the budget cycle
 - If it comes in higher than DOE guidance, we may have to spend rapidly
 - **Keep your options open: have a plan with quotes in your back pocket to spend quickly if asked!**

Fun budget stuff

- Uncertain FY24 budget for now ... planning for below flat!
 - Brinksmanship in Washington ... likely a yearlong CR
 - Large merit increases, large increase in electricity costs, large increase in overhead rates
 - My M&S proposal was walked down by ~10% from last year and I've been asked to plan for another ~10%
 - Overhead accounts must absorb \$1M cut
 - Office refurb, computing, building enhancements, etc
 - Spares have already been walked down significantly, will not have to absorb more cuts
 - Please don't break anything requiring installation of a spare! (Horns, targets, etc)
 - But this is all under negotiation
 - I'll be discussing this all with the management team when I have better guidance
- Don't panic!
 - That's my job

FY24 Machine Startup will be delayed

- Linac repairs
 - Big issues with vacuum tank 5 all last year
 - Water leak, limits achievable vacuum, which increases losses and limits beam current
 - Very tricky fix
 - British vendor coming in October to plug the leaks with a proprietary process
- Uncertain budget situation
 - See previous slide
- DOE Order 420.2D
 - Safety of Accelerators order updated
 - ESH&Q spent 11 months arguing with FSO, and 1 month preparing documents
 - SAD/ASE
 - Not well received by FSO ... many changes demanded, significant work will be required to reach compliance
 - We might be able to operate under 420.2C for another year
 - Apparently this is Lia's call

FY24 Run Plan


- Sasha: “We will run this year! Startup will be sometime between November 1 and the end of June”
- Experiment priorities
 - SBN (BNB)
 - Mu2e commissioning
 - Switchyard (testbeams)
 -
 - NuMI
 - Goal here is to demonstrate 1MW operations for a few weeks if possible
 - We have already exceeded the Nova POT request
 - MI electricity costs drive the power bill

Friendly reminders

- We have no budget for food for the Topical Meeting, or for the coffee in the Grotto.
 - Coffee pods cost me ~\$0.31 at Costco
 - We rely on your donations to the food fund in the little plastic box.
- Fridays are Hawaiian shirt days.
- The Boys make a “Off-target” run to the Users’ Center, usually on Thursdays at the end of the work day.
- We’re having a joint TSD/EBD picnic next Thursday, September 28, in the afternoon at the Kuhn Barn. Please RSVP (preferably to the Sharepoint, alternatively email Sudeshna/Kim) so we know how much food to buy

Thanks!



Doc 
@DocAtCDI

My wife and I are sitting on the couch watching tv and I hear a text, realizing left my phone in the kitchen, I get up, go to the kitchen to check it...

and its a text from my wife:

Please bring the chips on your way back