

### **Particle Physics Faculty Meeting**

- Agenda
  - News/Update
  - Round table

#### News

- PPR process
  - New hire Valeriya Levchenkova, Manager Organizational Development
  - Reworking P3 v2 process
  - Emphasized special case for BAE's
  - Setup first meeting yesterday with representatives from all PSD departments
    - David, Iris, Iain, Kate, Reda and OSC
  - Last years P3 will be completed within old process need to complete by March
- Discussion on sharing grant applications
  - Specific: E.g. How to tackle new EDI requirements in grants
  - Discussed with Carla and she is aware and working on that pre-existing document from 2019 (updated in 2022)

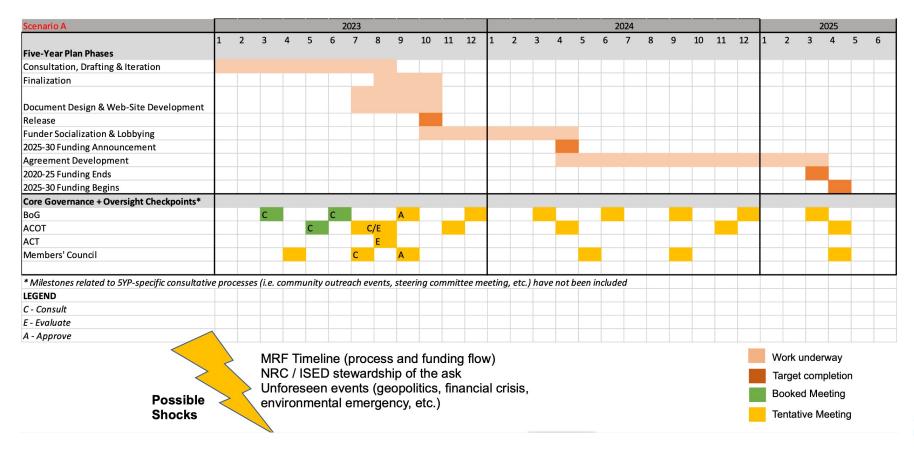
#### News

- Postdoc relocation funds not granted (PP ~\$35K, NP ~\$60K)
  - Petr found out NSERC funds can be used for that under "sign-up bonus"

#### Next PP-EEC

- Date set for Tuesday April 18<sup>th</sup> 8am-2:30pm Call will go out next week
- New informal group proposed within Particle Physics
- PHORWARD
  - PHotons and nOble liquids for Research in Weak processes and Applied R&D
  - Collaboration between Fabrice, Chloe and Beatrice (as part of nEXO)
  - Allows for joint managing HQP training and clear path for visibility for research work
  - Supported by Science & Technology

# **5YP** Proposal Development – Draft Timeline (Scenario A)



#### **New Initiatives**

- Particle Physics Planning results in impact on existing and future experiments and
  - New initiatives under discussion in dedicated task forces
    - Center for detector development (with SciTech, Nuclear, CMMS & Life Sciences)
    - Center for AMO/Quantum/Precision/physics (HAICU, radioactive molecules, UCN...), across Particle & Nuclear Physics departments
- A ~2 page summaries
  - <u>Summary</u> (illustrated by hypothetical new building)
  - Detector Development Center
  - Center for Quantum Sensing & Precision Physics
  - Conference & Learning Center
  - AI Center

### **5YP Outcome Mapping**

- During the most recent leadership retreat, Nigel and Sean asked for a spreadsheet to be filled that covers all activities known and planned in the next 5YP
- The exercise (as I understand it) is to assess if the current realistically planned ambition of the lab in 2025-2030 fits within a ~375M ask
  - That's the preliminary number that Nigel wants to gauge things at
- All Divisions must map out their desired activities for the 2025-2030 period, with an eye to the desired - but also realistic - outcomes targeted for delivery by 2030. This mapping is supposed to cover all activities (not just new work), as well as both MRO and projects
- Particle Physics spreadsheet to be filled <u>here</u>
- 2-pagers on new initiatives will be linked through this spreadsheet
- Deadline is Friday February 17<sup>th</sup>

### **5YP Outcome Mapping**

- We want to separate out NRC ask, capital investment, FTE, grant requests
- Try to capture that in
  - Staff (BAE & P&S)
  - Group (operating grant)
    - Under FTE list only postdocs, no students
    - Subtract in capital funding the estimated postdoc salaries
  - Upgrades
    - E.g. CFI or NFRF requests
- This is a Particle Physics submission, so any new hires that would happen in another department need to go through their submission

## **<b>∂**TRIUMF

#### News

- It's Particle Physics turn to update at the SMM next week
  - Please send Mark updates by tomorrow
- Today's colloquium

Today,	14:00	Colloquium	Vincenzo	Auditorium/Remote	Searching for new physics
2023-			Cirigliano		through neutrinoless double
02-09			INT/U		beta decay
			Washington		







#### **Round Table**

- ATLAS
- T2K/HyperK
- TUCAN
- ALPHA
- SuperCDMS
- DarkLight
- n-EXO / PHORWARD
- PIONEER
- NA62
- P-One
- SNO+
- HALO
- g-2
- Belle 2
- Theory