

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 18th 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

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
 - [Summary](#) (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 [here](#)
- 2-pagers on new initiatives will be linked through this spreadsheet
- Deadline is Friday February 17th

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

News

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

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

Round Table

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