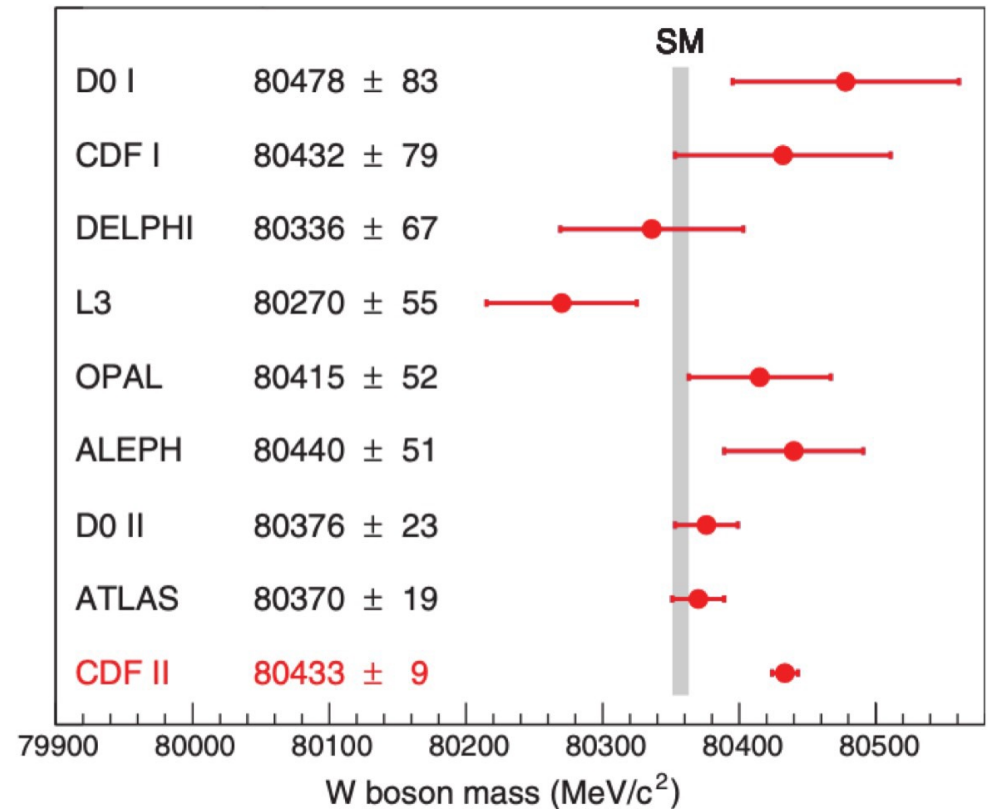
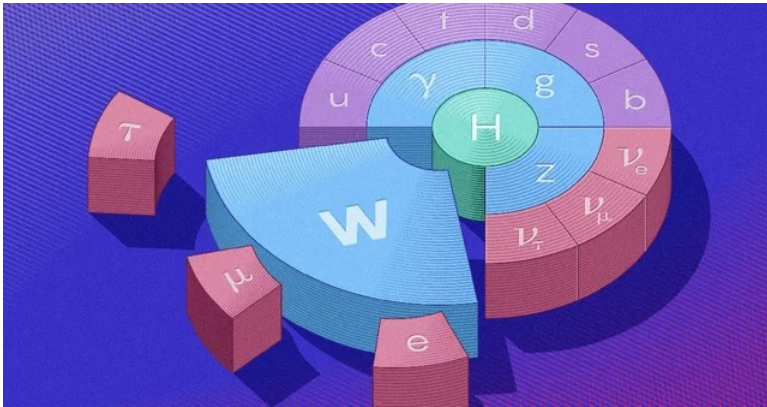


# Particle Physics Faculty Meeting

- Agenda
  - News
  - ACOT Research Highlights

## News of last week

- CDF released new  $W$  mass measurement
- Four times the statistics
- Total uncertainty 9 MeV
- 7 sigma above SM prediction
- 80,357  $\pm$  6 MeV
- Suggest we invite Ashutosh for a seminar



## Hiring

- **Hyper-K** interviews set, and calendar invites sent
- Format of combined PP/SciTech session
- Short 3min introduction
  - Two standard questions:
    - *What interests you about TRIUMF, why did you apply to this position, what do you feel you would bring to TRIUMF? (OSC)*
    - *How would you plan your first few years at TRIUMF, what are your priorities and long-term goals? (SciTech)*
- Follow up from colloquium/research proposal, round table questions
- **ALPHA** interviews May 6, 9, 16, 17 and 19
  - Details to come

## Next 5YP Planning

- [Particle Physics Planning](#) in March and April in preparation for PSD retreat in May
- Next steps:
  - New initiatives under discussion
    - Center/platform/hub for detector development (with Science and Technology)
    - Center/platform/hub for AMO/Quantum/Precision/ physics (HAICU, radioactive molecules, UCN...), across Particle Physics and Nuclear Physics departments
  - Suggestion: Form a task force to formulate what we are asking for in the 5YP
  - Goal: Submission of LOI to TRIUMF in September / white paper later in the year?
- Need to think about what new positions we are proposing in the next 5YP
  - New initiatives are blue sky scenarios that come with extra money
  - I think we should propose well justified ~2 new BAE (after UCN hire)
  - Use regular May 12<sup>th</sup> meeting to discuss that – volunteers to make a case?

## News

- **Science Week July 18-22**
  - Hybrid event – in person + remote participation
    - Hopefully with in person reception, poster session, BBQ
  - Mo, Tue: Past years science accomplishments from early career + keynote speakers
  - Wed, Thu: 20YV summary, focus on 5YP planning with new initiatives and summary on divisional planning (from preceding retreats)
  - Fri: Townhall and TUG AGM
- Early Career confirmed:
  - Wolfgang Schreyer (UCN), Kate Pachal (DarkLight), Giacomo Gallina (Photo-detector development for nEXO, DarkSide and beyond), Dilia Portillo Quintero (Deep Learning Methods for Hadronic Reconstruction with the ATLAS Detector), Nick Prouse (Machine Learning Methods for Hyper-K)
- Early career invited: Nikita Blinov (UVIC theory)
- Keynote speakers:
  - Lia Meringa (invited, TBC)
  - Abe Seiden (Santa Cruz, 4D Radiation Hard Silicon Detectors) (confirmed)

# News

- **Science Week July 18-22**

- Wed, Thu: 20YV summary, focus on 5YP planning with new initiatives and summary on divisional planning (from preceding retreats)

Time Slot	Monday	Tuesday	Wednesday	Thursday	Friday
	Science symposium / welcome/ reception	Science symposium / talks / poster session	20-year vision summary 5-year plan divisional planning and initiatives	5-year plan divisional planning and initiatives	5 year plan discussion / TUG-AGM
0830-0930	Director intro + game plan for 5YP	Science & Technology	20 year vision summary	Life Sciences	Town Hall 5YP/20YV Pillars
0930-1030	Accelerator Science	Quantum Materials / CMMS	Accelerator + possible connection to school in Saskatchewan	AMO - connection to ICAP in Toronto	Town Hall 5YP/20YV Pillars
1030-1100	break	break	break	break	break
1100-1200	Life Science	Scientific computing	Quantum Materials / CMMS	Science & Technology / Scientific Computing	TUG AGM
1200-1300	lunch	lunch	lunch	lunch	lunch
1300-1415	Nuclear Physics	Particle Physics	Nuclear Physics incl theory 75min	Particle Physics incl theory 75min	TUG AGM
1415-1430	break	break	break	break	break
1430-1515			Science and Society (Sustainability)	EDI + Innovation Leaders of the Future	
1515-1530	break	break	break	break	break
1530-1700	Reception	Catered poster session	3min TED/elevator pitch talk competition?	Networking event	
				BBQ (at UBC Farms?, with a faculty vs students soccer and/or volleyball game?)	

- How to best organize the Particle Physics related sessions to make it most useful
  - Introduce new initiatives
  - Present impact on core and future projects + proposal for new hires
  - Allow for enough discussion time

## ACOT

- ACOT plenary session on Monday April 25<sup>th</sup> in the morning
- Particle Physics/SciTech/SciComp Parallel session
- Tuesday, April 26<sup>th</sup> from 8:30 am to 9:30 a.m. PT
- Format like last time – Beatrice kindly agreed to present again
  - Please send or upload to the [Teams folder](#)
    - a single slide (max 2 for larger groups) covering the last 6 months
    - executive summary
    - Any news on HQP, new group members, awards etc
- Will go through slides today
- Beatrice will edit over the long weekend
- Final slide deck needs to be submitted before end of day, Tues, April 19<sup>th</sup>

## Misc Items

- PSD
  - Today's colloquium at 14:00
    - The Cool Copper Collider: An Advanced Concept for a Future Higgs Factory
    - by Emilio Nanni (SLAC)
  - Physical Sciences BAE Retreat during the second-to-last week of May, either on the Tuesday, Wednesday, or Thursday, May 24<sup>th</sup>, 25<sup>th</sup>, or 26<sup>th</sup>
  - P3 during first week of May
  - A large number of people in the PSD have not completed the Workplace Bullying and Harassment course, which was assigned two months ago. If you have not done so, please complete this training immediately.
  - Following information for the period 2018-2021:
    - Awards for any scientists, engineers, postdocs and students. Memberships (and where applicable elevated roles like chair, etc) on external committees (reviews, awards selection, lab advisory, community organizations, etc.)
    - Notable roles in collaborations (spokesperson, board membership, coordination roles, etc.)
    - Allayne collecting this in a [excel sheet](#): Please fill no later than April 20, 2022.



## Social

- At the last Pub night (among the 7 of us who were there), we decided to go to the [Wolf and Hound](#)
- So for those comfortable to join and interested, it will be 5:30pm this Thursday
- I reserved a table under TRIUMF



IRELAND IN VANCOUVER



**AOB**