

Particle Physics Faculty Meeting

- Agenda
 - News/Update
 - Retreat Planning
 - Group updates



TRIUMF is located on the [traditional, ancestral, and unceded territory of thex^wməθk^wəyəm \(Musqueam\) people](#), who for millennia have passed on their culture, history, and traditions from one generation to the next on this site.

TRIUMF's home has always been [a seat of learning](#).



CAP Vogt-Medal

Doug Bryman awarded 2024 CAP-TRIUMF Vogt Medal

15 April 2024

Congratulations!

This year's CAP-TRIUMF Vogt Medal has been awarded to Professor Doug Bryman. Professor Bryman holds the J. B. Warren Chair and is a Professor in the Department of Physics and Astronomy at the University of British Columbia and is an Affiliate Scientist at TRIUMF.



CNSC Inspection

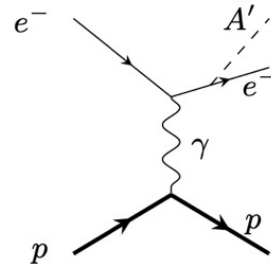
- **Dates:** Start on site April 15, 2024; estimated 4 days (full inspection will be from April 12-24)
- **Context:** This inspection will focus on the Management System SCA (Safety and Control Area) as identified in TRIUMF's Licence Condition Handbook. This covers all the processes, policies, procedures – and their accompanying records – relevant to the TRIUMF Quality Manual (Document-611).
- **Scope:** This inspection's purpose is to verify the implementation of processes/policies put in place by TRIUMF to address findings from the inspection of the Management System SCA conducted in February 2021.
- **Criticality:** TRIUMF must demonstrate compliance to CSA N286-12 (Management system requirements for nuclear facilities). This is a regulatory requirement and is critical for our licence and ongoing operations, and failure to demonstrate compliance could jeopardize our licence or risk major operational impacts, including (in a worst-case scenario) the potential shut-down of all TRIUMF operations.

UCN Search

- Long list interviews to be completed this Friday
- Short list interviews to be scheduled in June
 - Search committee
 - Chen-Yu Liu (chair), University of Illinois Urbana-Champaign
 - Brad Plaster, University of Kentucky
 - Jeff Martin, University of Winnipeg
 - Isabel Trigger, TRIUMF
 - Ruediger Picker, TRIUMF

PP-EEC

- Fourth PP-EEC took place Thursday, May 2nd
- Three contributions
 - Progress Report from DarkLight
 - Updated LOI: Improved Measurement of the Charged Pion Lifetime
 - Proposal: Commissioning the TRIUMF Ultracold Advanced Neutron (TUCAN) Source
- New Committee:
 - Deborah Harris (York/FNAL) chair
 - Concettina Sfienti (Mainz)
 - Jan Friedrich (TU Munich)
 - Elise Novitski (UW)
 - Makoto Fujiwara (TRIUMF)
 - Dave McKeen (secretary)
 - OSC (ex officio)



$$R_{e/\mu} = \frac{\Gamma(\pi^+ \rightarrow e^+ \nu(\gamma))}{\Gamma(\pi^+ \rightarrow \mu^+ \nu(\gamma))}$$





Budget

To advance the next generation of cutting-edge research, Budget 2024 proposes major research and science infrastructure investments, including: **\$399.8 million over five years**, starting in 2025-26, to support **TRIUMF**, Canada's sub-atomic physics research laboratory, located on the University of British Columbia's Vancouver campus. This investment will upgrade infrastructure at the world's largest cyclotron particle accelerator, positioning TRIUMF, and the partnering Canadian research universities, at the forefront of physics research and enabling new medical breakthroughs and treatments, from drug development to cancer therapy.



ACOT

- June 10-12
- ACOT proposes a new format of the departmental sessions
- Instead of parallel sessions, there will be a plenary session with 30-minute presentations from the departments

June 11th

9:00 – 12:00 <i>(180 mins)</i>	<i>ACOT Members / TRIUMF Leadership</i>	Serial Plenary with TRIUMF Science Leads (speakers and session order TBC) Life Sciences and IAMI: 9:00 am - 9:30 am Nuclear Physics: 9:30 am - 10:00 am Theory: 10:00 am -10:30 am Material Science: 10:30 am – 11:00 am Particle Physics: 11:00 am - 11:30 am Accelerator and ARIEL: 11:30 am - 12:00 pm
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Next PSD retreat

- Date set for May 24th – no agenda yet
- LT working on various scenarios to be considered during retreat on Monday May 13th
 - Petr to provide more guidance after that
- Time is very short, suggest we meet next week to formalize next steps
- Brainstorm on group requests for next 5YP
 - Resource needs
 - new CFI's or new initiatives
 - Hiring priorities
 - Any changes?
 - New centers
 - “Weft and Warp”



Various

- Postdoc policy
- QRPP
- Science Week

Round Table

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



AOB



Next Meeting

- May 16th