

IPP AGM 2025 Directors Report



June 13 2025, University of Saskatoon Carsten B Krauss

Outline

- Grant Renewal outcome
- New Members
- New Council
- Activities
 - CERN summer student program
- LRP Update
- Discussion

IPP Grant

- The grant was submitted through Queen's University in October 2024.
- We requested an increase of funding to be able to fund new theory based program, an increased CERN fellowship and salary adjustments for the IPP scientist leading to a request of \$1.7M/year (and increasing)
- We received a 5 year grant with flat funding for \$1.45M/year. This is a small increase with respect to the previous grant.
- We expect to be able to run the program with the available funding, membership fees and commitments from UVic and Queen's to fund IPP activities.
- This will make the transition from Vic to Queen's a bit harder as funds for overlapping administrative staff is more scarce than expected.

New Members

- Yonathan Kahn (Toronto)
- Bruce Howard (York), to be approved by council in the next meeting

New project

- MATHUSLA applied for project status and is expected to be approved as soon as the discussion comes up at council

Council

- Aaron Vincent (Queen's, 2027)
- Yue Zhang (Carleton, 2027)
- Matthias Danninger (SFU, 2026)
- Razvan Gornea (Carleton, 2026)

- Evan McDonough (Winnipeg, 2025)
- Kate Pachal (TRIUMF, 2025)

Many thanks for your time
and your ideas!

Council

- Matthias Danninger (SFU, 2026)
- Razvan Gornea (Carleton, 2026)
- Aaron Vincent (Queen's, 2027)
- Yue Zhang (Carleton, 2027)
- Maximilian Swiatlowski (TRIUMF, 2028)
- Richard Teuscher (IPP, Toronto, 2028)

Many thanks to

Xiaoyue Li and

Gopolang Mohlabeng!

Congratulations!

IPP CERN program

- Winning students:

Gélinas

Sophie

UBC

Naar

Meghan

Queen's

Redinger

Julia

UAlberta

Burke

Liam

Carleton

Samra

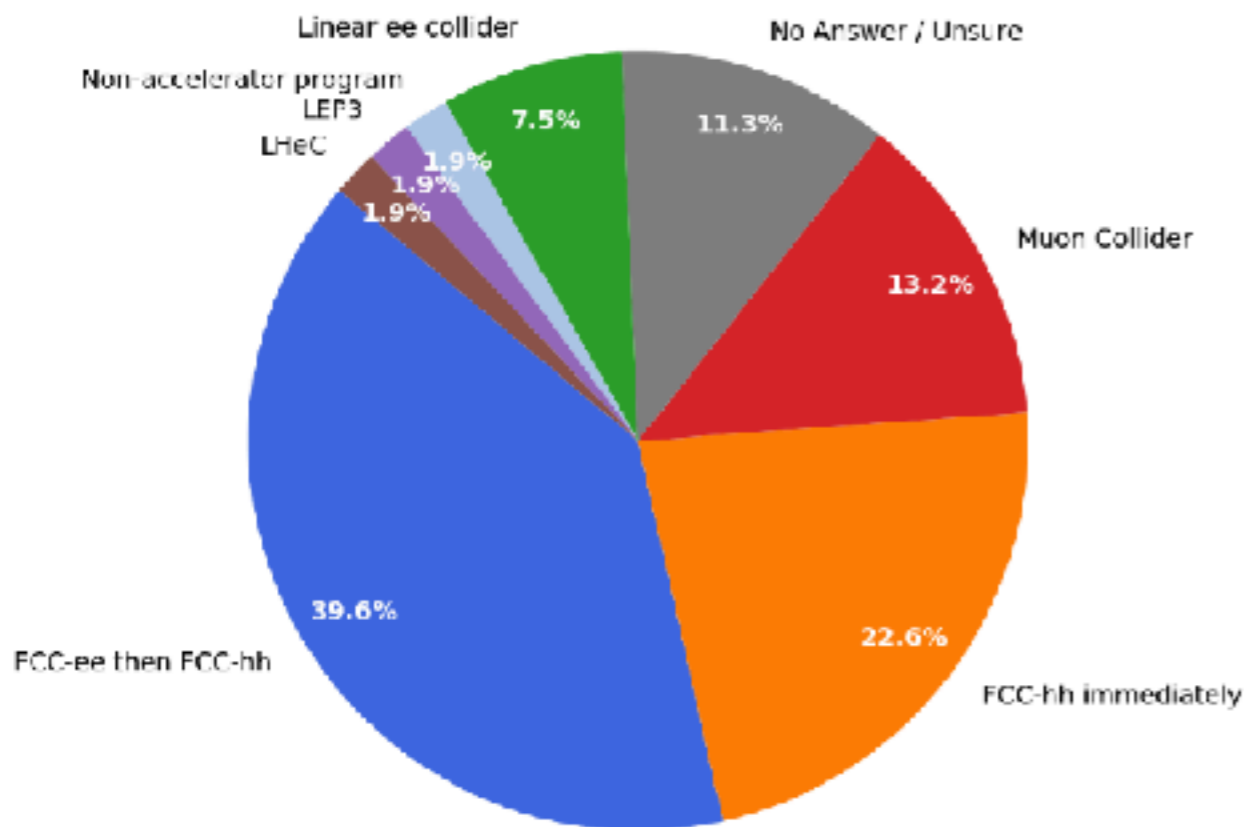
Mamoksh

UVic

European Strategy Update

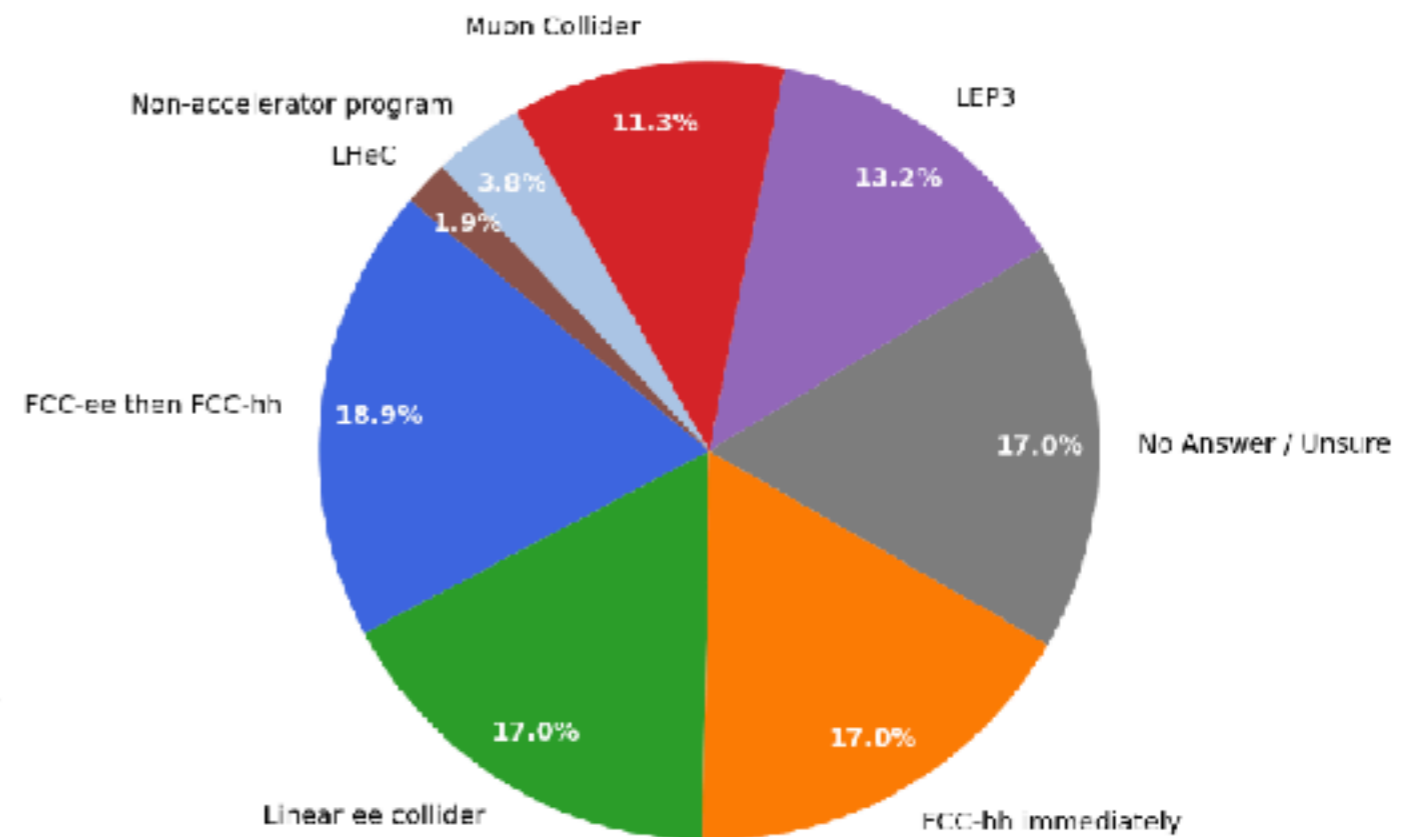
- Survey results, Document submitted in May

Primary Choice for Next Major CERN Collider, 53 Entries

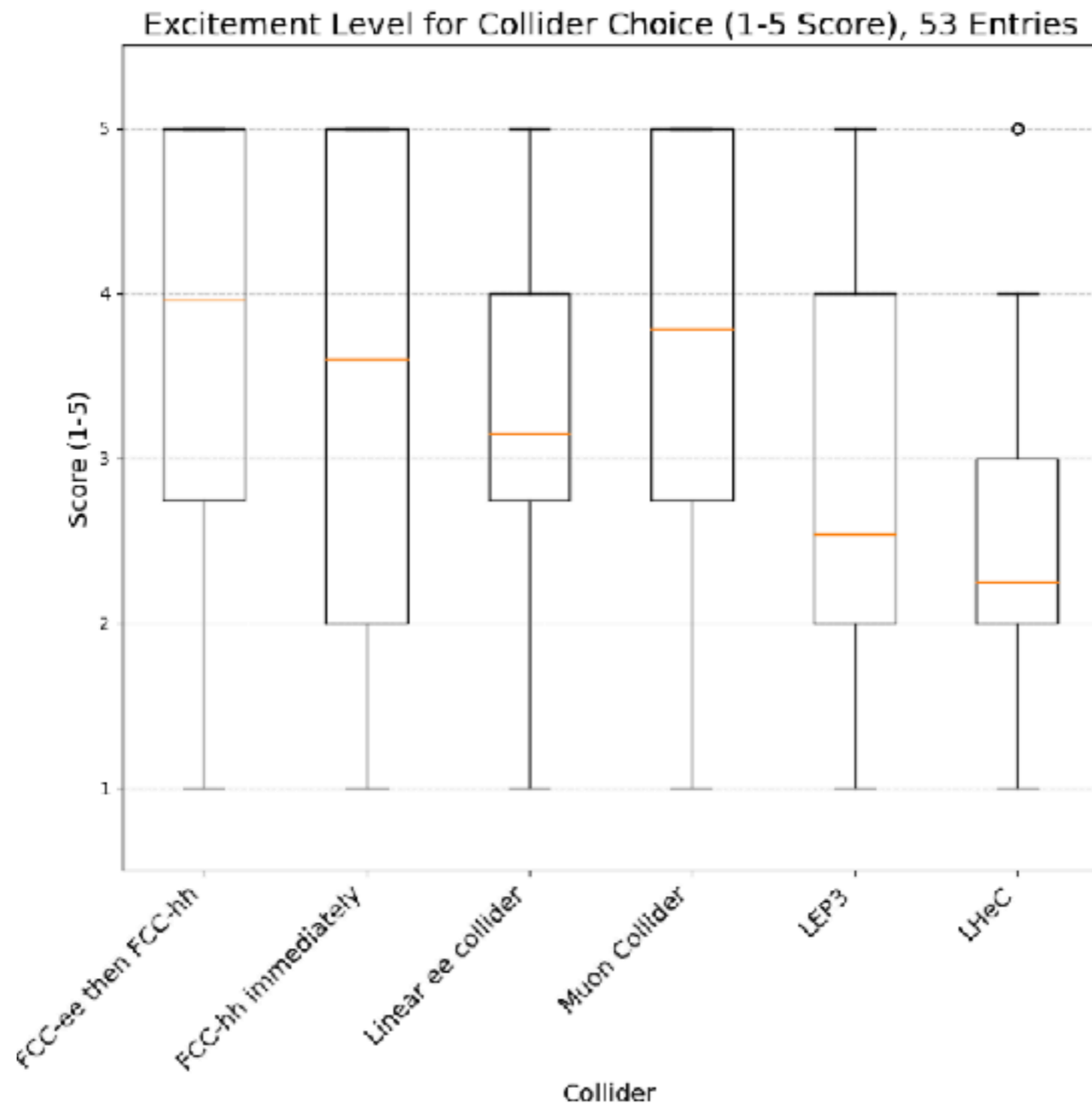


(a) Primary choice for collider

Alternative Choice for Next Major CERN Collider, 53 Entries



(b) Alternate choice for collider



- The overlap between CERN's default plan and the CDN community is large, but not perfect. This will require a nuanced discussion and management

LRP

- We will deliver a new LRP in late 2026.
- The **terms of reference** have been defined
- The full committee composition has been announced, Alison Lister and Paul Garrett have agreed to co-chair the committee
- The **IPP will submit our brief** to the LRP committee in late 2025
- There will be opportunity to participate in LRP Town hall meetings through 2026
- The full scope was presented in the joint session yesterday (please have a look at Paul Garrett's slides)

LRP Evolution of Terms

- There are significant changes to LRP mandate compared to the one 5 years ago. These reflect input received in our Nov/24 Ottawa visit
 - NSERC: We are asked to have a **more selective LRP** process that defined actual priorities, and be more useful to peer reviewers
 - CFI: “**Needs to set some priorities to be useful.**” Last one didn’t set clear enough priorities
- The new LRP is asked to take into account :
 - the optimization of the human and financial resources of the Canadian subatomic physics community terms of research excellence and research excellence and impact
 - the alignment of research endeavours with the with the established expertise established and strengths of the Canadian community
- Budgetary Scenarios for Prioritized Endeavours:
 - Need to address the intellectual capacity available in the community
 - The overarching goal needs to be to facilitate coalescence around the most impactful projects
- The LRP should be realistic in terms of the community’s **human capacity** and expertise, and avoid undue duplication of effort

- The Federal scientific leadership (ISED, OCSA, NSERC, CFI) is very supportive of subatomic physics
 - We have an international reputation for excellence and impact that has not gone unnoticed
 - They recognize that our LRP have **historically** provided good stewardship of our resources, and have contributed to our scientific excellence and impact
- They want us to be bold in our vision, linking it to broader themes within government (e.g. Digital Future, AI) as part of making case for funds
- At the same time, we need to be realistic in terms of available manpower and expertise, so that probability of future success is high
- Government never doubts the quality of hard science, it's the broader impacts that they want to hear about
 - New initiatives are possible if arguments can be made in a compelling way to government
 - House of Commons S&T Committee has been critical of research that serves little or no apprenticeship benefit to Canada (particularly certain SSHRC disciplines)
- Making these arguments effectively is easier said than done. But we should try to make these points in the best way we can

Town Hall to kick off LRP Brief

- June 19 14:00 ET, 11:00PT on Zoom
- Summary of the input received
- Goals of the LRP
 - How can/should the IPP support the LRPC?
 - How do **we** want the LRP to look? What is it that **we** need to achieve?

Discussion

- What are the pressing questions that need to enter the LRP process?
 - How does the limited timeline for CFI IF projects impact our projects?
- Are there things to take into account for the IPP MRS grant request this fall?
- How can we help evolve the community?