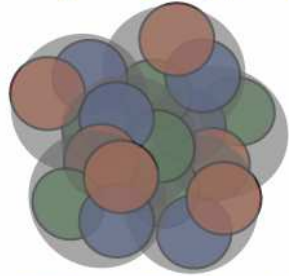


C I N P



I C P N

**Canadian Institute of  
Nuclear Physics**

**Institut canadien de  
physique nucléaire**

## ***Welcome & Introduction***

**Garth Huber**

**CINP Executive Director**

**Canadian Subatomic Physics Long Range Plan**

**Town Hall Meeting**

**June 13, 2025**

**University of Saskatchewan and on Zoom**

# LRP 2027–34 Terms of Reference



**As announced earlier, a new LRP exercise is to be conducted. It will be in effect 2027–34, with scope extending through 2041**

## **LRPC Mandate:**

The Committee is asked to identify subatomic physics scientific ventures and priorities that should be pursued by the community on a 7-14 year horizon and that would ensure Canadian global scientific leadership, taking into account:

- i. the optimization of the human and financial resources of the Canadian subatomic physics community in terms of research excellence and impact
- ii. the alignment of research endeavors with the established expertise and strengths of the Canadian community
- iii. the need to coordinate large projects and collaborations with Canada's international partners in a manner that maximizes scientific excellence and impact
- iv. the concurrent requirement to maintain and further develop world-class domestic research programs and infrastructure

Budgetary estimates, both for new capital investments and for operations, **must be provided**, including funding ranges for prioritized endeavours.

These ranges should include funding levels that would allow for a *restrained, yet efficient, contribution* to the ventures, as well as levels that would enable a *more extensive contribution*.

# LRP 2027–34 Terms of Reference



## Process and Timeline:

- The LRP process will be driven by the Canadian subatomic physics community
- Organized by CINP+IPP, with funding provided by NSERC via SAP-MRS program
- CINP and IPP are tasked to prepare briefs for the LRPC
- These briefs must summarize the scientific vision and priorities put forward by the sub-communities they represent and serve, including both experimental and theoretical facets
- Overall recommendations may also be included in the briefs
- The briefs are to be submitted to LRPC no later than **November 30, 2025**
- Eventual responses to the briefs by individuals or organizations would be accepted.
- Throughout the process, the LRP Committee may also solicit additional input from various sources, as it sees fit.
- The LRPC will hold public consultations after receiving the briefs
- The LRPC will submit its final report by **September 30, 2026**

# LRPC 2027–34 Voting Members

Paul Garrett (Co-chair)	Guelph
Alison Lister (Co-chair)	UBC
Torben Ferber	KIT, Germany
Alfredo Galindo-Uribarri	ORNL, USA
Darren Grant	SFU
David Hornidge	Mt Allison
Katelin Shutz	McGill
Hirohisa Tanaka	Stanford, USA
Nicole Vassh	TRIUMF
Simon Viel	Carleton

**All members have agreed in writing to the following declaration:**

LRPC members are NOT representatives of their specific projects or sub-communities on the committee. Rather, LRPC members have been chosen so that a broad range of expertise is available for committee discussion and decision-making. ALL members are expected to contribute to an overall plan representing the realistic aspirations and maximal scientific impact of the Canadian subatomic physics community.

# CINP's LRP process



## CINP LRP Brief writing committee:

– Garth Huber	<i>Executive Director, Lead Editor</i>	huberg@uregina.ca
– Svetlana Barkanova	<i>Hadrons/QCD SWG Chair</i>	sbarkanova@mun.ca
– Greg Christian*	<i>Nuclear Astrophysics Alternate</i>	greg.christian@smu.ca
– Corina Andreoiu*	<i>Nuclear Structure Alternate</i>	corina_andreoiu@sfu.ca
– Jeff Martin	<i>Fundamental Symmetries SWG Chair</i>	jeffery.w.martin@gmail.com
– Alexandros Gezerlis	<i>Nuclear Theory SWG Chair</i>	gezerlis@uoguelph.ca
– Ruben Sandapen	<i>Nuclear Education SWG Chair</i>	ruben.sandapen@acadiau.ca

\* Alternates to replace Garrett, Vassh as they are on the LRPC. They were asked to not participate as a member of any committee that will prepare briefs to the LRPC, although they can fully participate as a member of the community to consultations undertaken by CINP, IPP, or any other organization.

**Notices of Intent:** 43 received, deadline: April 15 [up from 32 in 2020]

**Preliminary written briefs:** 35 received, deadline: May 12

**Town Hall meeting:** June 13

**Final written briefs due:** June 27 [please let us know if you need an extension]

If you would like to submit a brief, but have not yet done so, please rest assured that we will consider all briefs received up to the final deadline of Friday, June 27.

Although you are encouraged to attend the Town Hall meeting and participate in the discussions, you can submit a brief even if you are unable to attend.

**Preliminary version of CINP Brief for community comment:** early September

**Virtual town hall meeting to discuss improvements to CINP Brief:** October

**Submit CINP Brief to LRPC:** no later than November 30

# Town Hall Meeting Schedule



- **Plenary I:** SWG Chairs give summaries of briefs received to date
- **Lunch Break**
- **Plenary II:** Selected New Projects
- **Discussion** (*recorded for committee use*)
- **Breakout Sessions:** Each SWG meets to discuss plans and priority. Scheduled in series. Please be considerate when joining ongoing session
- **Rest Break**
- **Plenary III:** SWG Summaries
- **Final Discussion** (*recorded for committee use*)