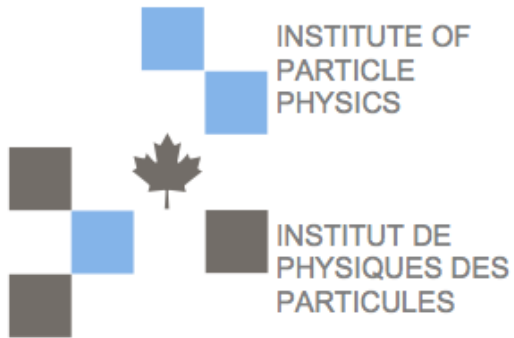


# IPP Process for Long Range Plan

General call on April 20 to IPP Membership for input into the LRP, initially via this meeting:

- 11 IPP Projects going into the LRP timing window
- 5-6 other efforts that may be IPP Projects in the future
- some projects reporting have physics of interest in both CINP and IPP
- technical support needs: detector development support: MRS, TRIUMF; computing
- Theory activity related to experimental program



# 2010 IPP LRP

## Brief Executive Summary

We review significant accomplishments of Canadian researchers, and offer a vision of the priorities for the community for the next five years.

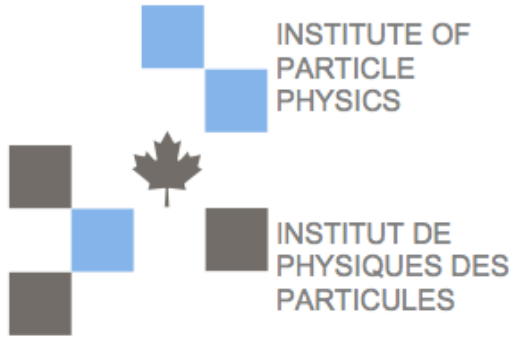
We identify four “essential” projects for the particle physics community in Canada over the next five years: ATLAS, DEAP, SNO+, and T2K.

We identify four additional projects that have the potential to achieve essential status within the Canadian community over this time period: EXO, PICASSO, SuperB, and SuperCDMS.

A long-term solution for funding SNOLAB operations outside the NSERC SAP envelope is identified as the most critical structural issue for Canadian particle physics.

We draw attention to the failure of the SAP envelope to grow in proportion to the growth of the community, funding limitations on TRIUMF’s ability to support new particle physics initiatives, and exploring a formal relationship between Canada and CERN.

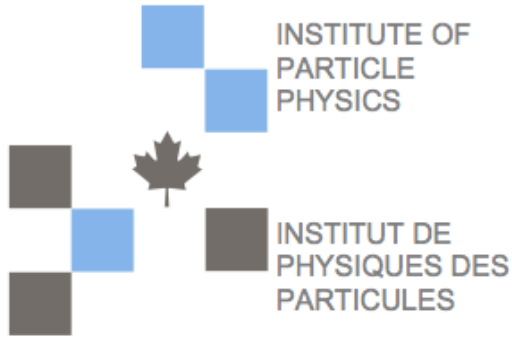
The IPP welcomes improved coordination between the different funding mechanisms available to particle physics researchers in Canada. This would be an important first step to addressing many of the structural issues discussed here.



# IPP Process for 2016 Long Range Plan

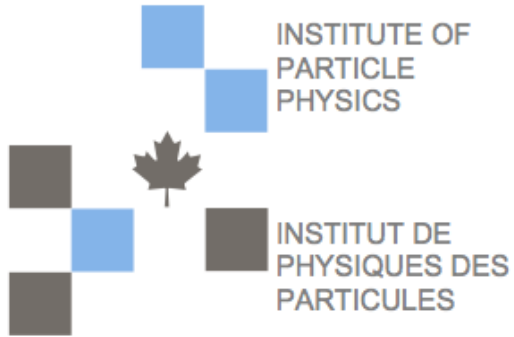
Projects asked to address in today's discussions the following in relation to the project in the period 2017-2021:

- (1) Physics and other research goals for the project;
- (2) Expected HQP training – numbers and role in the project;
- (3) Equipment needs – including cost estimates and time profile, whether NSERC or CFI will be requested for funds, other partners;
- (4) Computing requirements – CPU and storage, time profile;
- (5) Expected calls on technical support from TRIUMF, SNOLAB or the MRS facilities;
- (6) Relationships with other projects being conducted by Canadian subatomic physicists – either physics or technical;
- (7) Relationships with international partners.



# IPP Process for 2016 Long Range Plan

- Community will see the ‘lay of the land’ this meeting
- Follow-up:
  - Written briefs from participants that discuss those seven points (due 10 July)
  - Also requesting for additional briefs from:
    - Formal theory community
    - Accelerator physics community on projects related to particle physics
  - Survey community for data on HQP training record in the past 10 years and compelling success stories of HQP after their training period, both in and outside the field
  - Consult community to develop broad priorities regarding resource allocation for particle physics in Canada



# IPP Process for 2016 Long Range Plan

- Briefs, and other feedback, to be submitted to IPP Council by July 10
- IPP Council to compile briefs and produce working draft of IPP document by July 31, then circulate within Council: goal is to ensure it addresses all points in the request from the LRPC and accurately captures the input from the community
- Council to meet mid-August to finalize document – goal to circulate to the community by the end of August and solicit feedback from the community
- Plan for a ‘virtual’ IPP Town Hall meeting in mid-September to facilitate final community discussion and input to the document
- Finalize and submit on time scale consistent with deadlines agreed to with LRPC