

IPP 2009 Annual General Meeting

- Director's Report
- Particle Physics at TRIUMF (Ball)
- Outreach in Particle Physics (Pavan)



Moncton
June 7, 2009

<http://www.ipp.ca/communications/agm09.pdf>

Formalities

- Adoption of the Agenda
- Approval of minutes of 2008 AGM
 - Posted at: [http //www.ipp.ca/governance/june_18_08.shtml](http://www.ipp.ca/governance/june_18_08.shtml)
- Matters arising

IPP Council Composition

- Composition of current Council

A. Bellerive	2009
J. Cline	2009
B. Kowalewski	2010
T. Noble	2010
R. Moore	2011
S. Robertson	2011
W. Trischuk (Director)	2014

- Thanks for your support that I continue for another term as Director
 - 103 ballots: 95 yes, 4 no, 4 abstentions
- Thanks to Alain and Jim for three years' service on Council
- Election of new council members has taken place electronically
 - Members who applied during the year were eligible to vote
 - Their membership was approved at this morning's Board meeting

IPP Council Election Results

- Candidates were

H. Logan (Carleton)	
S. Oser (UBC)	
F. Corriveau (IPP/McGill)	

- Thanks to all for running
- 103 ballots (189 votes) [30% increase over last year!]
- Votes were tallied by UofT HEP secretary

IPP Council Election Results

- Council vote tallies

H. Logan (Carleton)	74
S. Oser (UBC)	73
F. Corriveau (IPP/McGill)	42

- Thanks to all for running
- Welcome to Council Heather and Scott

Council Activities

- Had two face-to-face meetings:

Sep 22 (Toronto)

Jan 22 (TRIUMF)

- Phone meeting in April 22 ...
- Main items for discussion were
 - Summary of this year's IPP-related NSERC applications
 - IPP support for conferences
 - Selection of IPP/CERN summer students
 - New IPP projects
 - Selling the SAP-LRP

News from the Board of Trustees Meeting

- Membership of the Board of Trustees:
 - Trustees: Axen, Hemingway, (Keeler), Orr, Stairs*, Sinclair
 - Officers: Trischuk director, Bailey secretary-treasurer
- Peter Krieger has agreed to serve as interim secretary-treasurer
- Pat Kalyniak has agreed to join the Board (replacing RYH)

New Individual Members

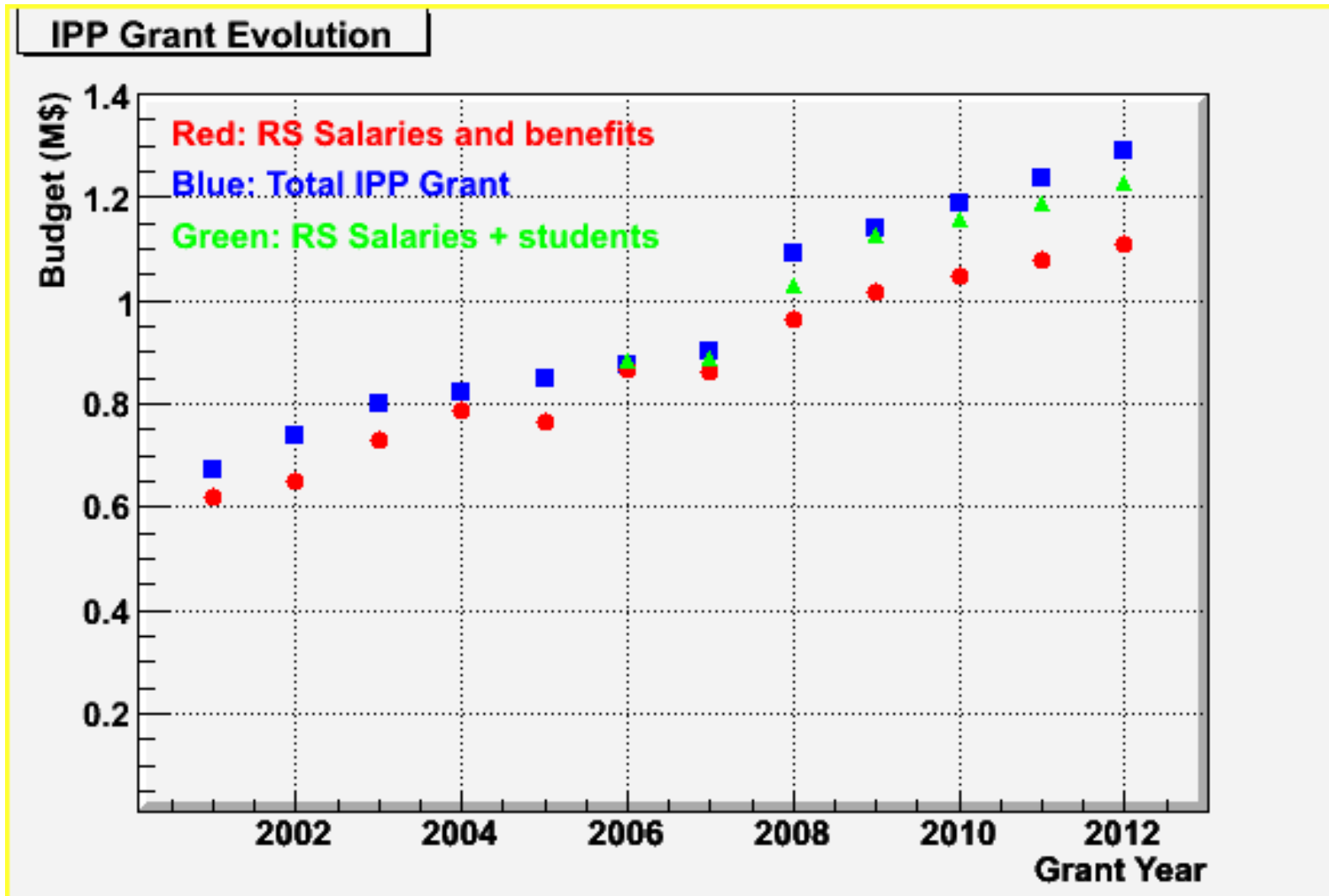
M. Boulay	Queens	Expt.
D. Fortin	TRIUMF	Expt.
P. Kovtun	Victoria	Theory
D. London	Montreal	Theory
A. Penin	Alberta	Theory
V. Sanz-Gonzalez	York	Theory
R. Sorkin	Perimeter	Theory
J. Zalipska	UBC	Expt.

- 8 new members
 - Welcome to the IPP
- Brings our total membership to 214
- Compare IPP and CAP/PPD membership: search for new members

The IPP Grant

- We are in the second of five years
- Grant supports:
 - Eight Research Scientists (85% of award):
 - * Corriveau, Hearty, McPherson, Martin, Robertson, Sobie, Tanaka and Teuscher
 - Four theory PDF supplements (7% of award):
 - * Larjo, Underwood, Wang and Levi
 - Six CERN summer studentships (3% of award):
 - * Abouzeid, Dupuis, Feige, Keyes, LaFlamme and Low
 - Conferences (2 conferences for a total of \$11k)
 - LLWI09, TheoryCanada09
 - IPP website re-design + logo (\$13k)
 - Travel for Council meetings + Administration

Evolution of the IPP Grant



Financial Overview

\$k	06-07	07-08	08-09	09-10
Balance Forward	183	110	105	112
NSERC Award	875	940	1092	1139
Total Available	1058	1050	1197	1251
Salaries and Benefits	868	864	961	1011
Theory PDFs	16	16	40	80
Summer Students	-	6	24	40
Travel	18	18	25	20
Conference Support	15	15	11	15
Outreach	8	7	13	10
Administration	23	19	11	20
Total Expenses	948	945	1085	1190
Balance	110	105	112	55

- 09-10 proposed for current year

The IPP's Mission

- To promote Canadian excellence in particle physics research and advanced education.
- To maximise the impact of Canadian particle physicists by employing an outstanding group of IPP research scientists playing key roles in our highest priority projects, organising long-range planning that articulate the community's scientific priorities and maintaining close ties to the Canadian particle physics laboratories.
- To serve as the focal point for particle physics activities in Canada and a point of contact for our partners in laboratories and universities around the world.
- To train highly qualified personnel, expose the next generation of Canadians to the opportunities in particle physics world-wide and maintain an active outreach programme to all stakeholders including the broader Canadian public.

The Criteria for Selection of IPP Projects

- Council has established a set of project criteria:
 0. Have potential to answer crucial particle physics of question(s);
 1. Have a diverse group of Canadian particle physics researchers (usually not just one institution);
 2. Have financial support for development/construction/operation or exploitation of a 'full experiment' from NSERC (or other Canadian agency), not just be R&D money;
 3. Be a fully approved part of the experimental programme at the host lab or in the host country;
 4. Complement existing parts of the IPP programme. The Canadian particle physics community is sufficiently small that we are better served by focused efforts on one experiment in each field/area/accelerator.
- Council carried out *detailed reviews* of ATLAS, T2K and Picasso
 - Found that they all continue to meet IPP project criteria
 - Plan to do this for every project every three years

The IPP Experimental Programme

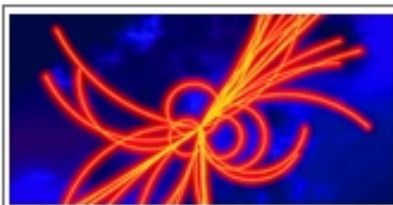
Experiment	Timescale		Investigators	
	Start	End	IPP Scientists	Signatories (FTE)
ATLAS	2008 (1996)	2020+	3.5	43 (38)
BaBar	2000 (1998)	2008	1.5	10 (6)
CDF	1992	2009?	0	4 (1)
DEAP/CLEAN	2010 (2008)	2015+	0	10 (5)
EXO-WIPP	2008 (2007)	2010?	0	8 (5)
$\pi \rightarrow e$	2008	2012	0	8 (3)
PICASSO	2004 (2006)	2010+	0	10 (4)
SNO	1999 (1998)	2006	0	16 (≤ 5)
SNO+	2010 (2008)	2015+	0	11 (6)
T2K	2009 (2004)	2015+	2.5	20 (15)
VERITAS	2007 (2004)	2010+	0	2 (2)
ZEUS	1992 (1984)	2007	0.5	3 (1)

A New Website for the IPP



"The T2K (Tokai-to-Kamioka) time project chamber under construction at TRIUMF"

"The Institute of Particle Physics promotes Canadian excellence in particle physics research and advanced education."



Physics Programme

While the IPP broadly supports particle physics research in Canada, we maintain a set of "IPP projects" that constitute our core programme. [more](#)



Research Scientists

The IPP employs eight faculty-equivalent research scientists who lead the Canadian efforts in major particle physics experiments around the world. [more](#)

IPP PROGRAMME



CERN Summer Students

The Institute of Particle Physics was recently awarded funding to support Canadian citizens participating in the CERN summer student programme. [more](#)



Theory Postdoctoral Fellowships

The National Fellowship Program which provides partial support for postdoctoral fellows working in theoretical particle physics. [more](#)

New IPP Logo



Director's Activities

Canadian

- TRIUMF ACOT (Sep23, Mar13)
- NSERC LPD talk (Feb 1)
- NSERC reviews
 - SNO+ eng. (Sep 5)
 - T2K (Dec 8-9)
 - DEAP (Dec 19)
 - SNOLAB (Dec 20)
 - EXO (Jan 8-9)
- Visits to Ottawa (Feb, May(twice))

International

- ICFA/C11 (Aug 2)
- ICFA Seminar (Oct 26-30)
- ICFA (Feb 12-13)
- KEK mtg (Mar 2-3)
- US HEPAP (Nov12, Feb23, May21)

International Inaugurations

- LHC Inauguration – October 21, 2008
- Attended by 1400 particle physicists from around the world
 - Ten Canadians including Canadian ambassador to Switzerland
 - Reception for Canadians hosted by ambassador (Attendance 70)
- JPARC Inauguration – July 6, 2009
- Approached embassy in Tokyo to repeat CERN/Geneva experience
 - Half-day symposium being at Tokyo embassy – July 7, 2009
 - Short talks from Coulombe, Lockyer and Karlen
 - Panel including Orr, Poutissou and Vogt
- Capitalise on particle physics as tie to international science

Canadian chairmanship of FALC

- Pierre Coulombe (NRC/CNRC President) has started a three-year chairmanship of FALC
 - FALC: Funding Agencies for Large Colliders
 - Principle mandate: follow ILC developments for funding agencies
 - Subsidiary mandate: guide cooperation on *large colliders*
- Organised an ad-hoc working group on Canadian particle physics
 - Lockyer, Trischuk, Noble(Smith), Turok, Sharma, Sinclair
 - Coulombe Blain, Davidson, Van Beek
- First action:
 - Compile a working brief on US/Canada cooperation in particle physics

Summary

- The IPP community continues to grow
- Our science is clearly vital in physics departments across the country
- NSERC and the GSC strongly support our programmes
- Adding explicit student/PDF support and outreach to our mandate
- Further strengthen our case for support in Canada through our international connections