

IPP 2008 Annual General Meeting

- Director's Report
- GSC Report (Lang)
- SNO+ (Chen)
- DEAP/CLEAN (Boulay)



Quebec City
June 8, 2008

<http://www.ipp.ca/communications/agm08.pdf>

Formalities

- Adoption of the Agenda
- Approval of minutes of 2007 AGM
 - Posted at http://www.ipp.ca/minutes/2007_06_17.html
- Matters arising

IPP Council Composition

- Composition of current Council

R. McPherson	2008
A. Warburton	2008
A. Bellerive	2009
J. Cline	2009
W. Trischuk (Director)	2009
T. Noble	2010
B. Kowalewski	2010

- Thanks to Rob and Andreas for three years' service
- 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

R. Moore (Alberta) T. Numao (TRIUMF) S. Robertson (IPP/McGill)	
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- Thanks to all for running
- 82 ballots (132 votes)
- Votes were tallied by UofT HEP secretary

IPP Council Election Results

- Council vote tallies

R. Moore (Alberta)	47
T. Numao (TRIUMF)	32
S. Robertson (IPP/McGill)	53

- Thanks to all for running
- Welcome to council Roger and Steve!

Council Activities

- Had two face-to-face meetings:

Sep 12 (McGill)

Jan 14 (Toronto)

- Phone meeting in April to select the IPP/CERN summer students
- Main items for discussion were
 - Summary of this year's IPP-related NSERC applications
 - IPP support for conferences
 - 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
- Discussed ammendments to bylaws and IPP mission statement

New Individual Members

M. de Jong	CLS	Expt. (Accel.)
R. Dick	Saskatchewan	Theory
M. Grisau	McGill	Theory
K. Hori	Toronto	Theory
J. Karczmarek	UBC	Theory
A. Kempf	Waterloo	Theory
L. Kofman	Toronto	Theory
S. Koscielniak	TRIUMF	Expt. (Accel.)
R. Laxdal	TRIUMF	Expt. (Accel.)
A. Maloney	McGill	Theory
N. Mobed	Regina	Theory
K. Sigurdson	UBC	Theory
B. Stelzer	SFU	Expt. (ATLAS)
O. Stelzer-Chilton	TRIUMF	Expt. (ATLAS)
H. Tanaka	IPP/UBC	Expt. (T2K)
U. Wichoski	Laurentian	Expt. (Picasso)

- 16 new members; bringing our total membership to 199
- Welcome to the IPP

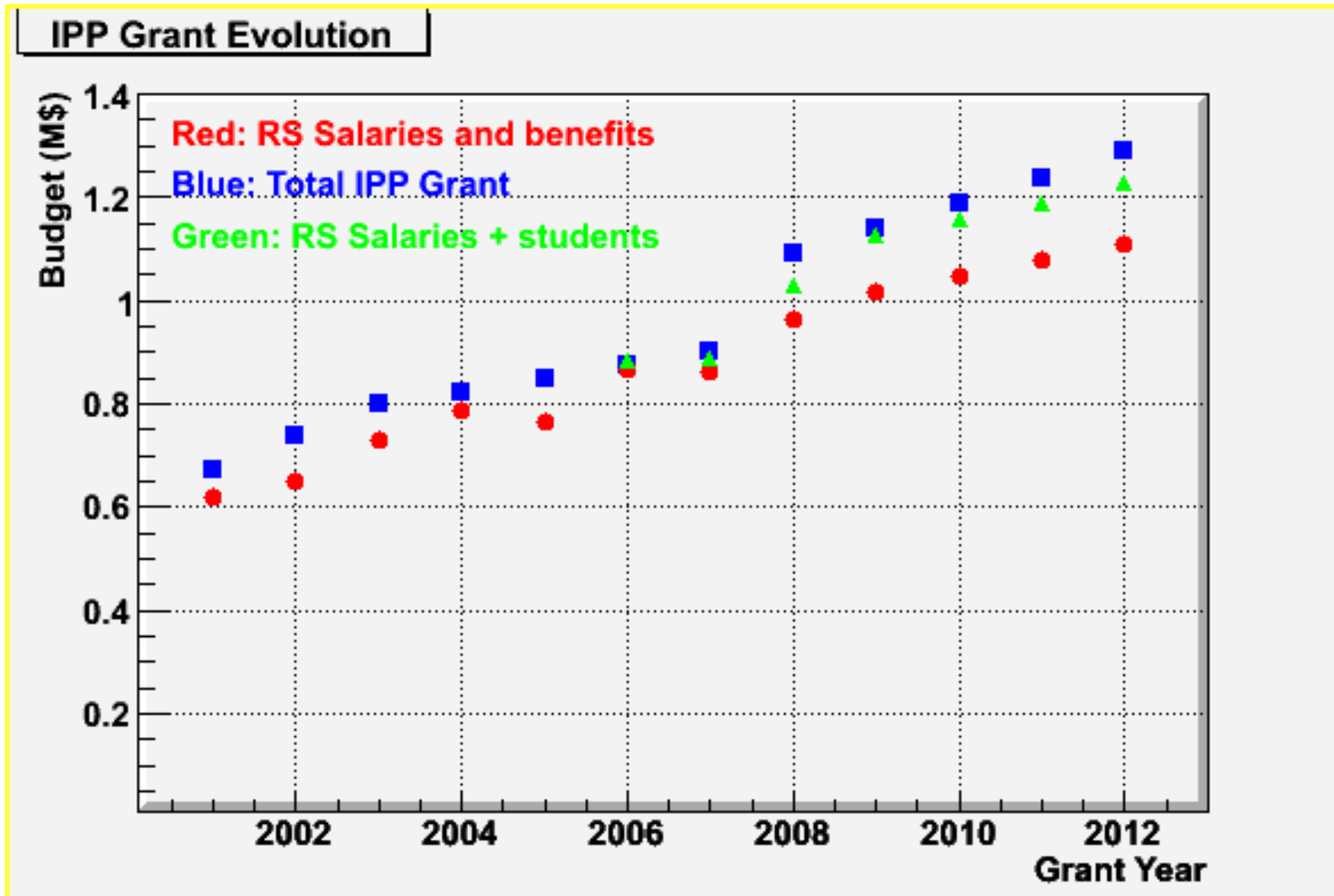
The IPP MRS Review

- The IPP grant was up for renewal this year
- NSERC asked us to apply in the context of the MRS programme
 - New criteria for IPP: Outreach, bridge to other disciplines
 - Criteria always addressed: Great science, national presence, HQP
- NSERC held a one-day review (hosted by UBC on November 8, 2007)
- International review committee:
 - Doselli (chair), Hebecker, Jennings, Robertson, Van Kooten, Lang
 - Seven of the eight scientists presented the IPP physics programme
 - Committee met with IPP-RS host-department chairs
- Favourably impressed with the impact → very strong report

The IPP Grant

- We were awarded every \$ we asked for over 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):
 - * Frey, Larjo and Underwood
 - Four CERN summer student-ships (3% of award):
 - * Guindon, Ilic, Louca and McCarthy
 - Conferences (3 conferences for a total of \$14k)
 - CHEP07, LLWI08, TheoryCanada08
 - IPP website re-design + logo (\$7k), LHC MasterClass (\$5k)
 - Travel for Council meetings + Administration

Evolution of the IPP Grant



Financial Overview

\$k	05-06	06-07	07-08	08-09
Balance Forward	166.5	182.5	73.9	78.3
NSERC Award	850	875	940	1,092
Total Available	1020.5	1057.5	1013.9	1170.3
Salaries and Benefits	763	868	860.6	964.2
Theory PDFs	-	16	10	40
Summer Students	-	-	6	28
Travel	26.5	18	18	18
Conference Support	14	15	13	15
Outreach	7	7	7	12
Administration	23.5	22.6	19	12
Total Expenses	834	946.6	935.6	1089.2
Balance	182.5	73.9	78.3	81.1

- 08-09 proposed for current year

Director's Activities

Canadian

- TRIUMF ACOT (Nov9-10, May9-10)
- TRIUMF 5yr plan meeting (Aug, Dec, Feb, Apr)
- NSERC LPD talk (Feb 3)
- NSERC reviews
 - Picasso (Nov 26)
 - T2K (Dec 17)
 - DEAP (Jan 11)
 - SNO+ (Jan 12)
- Visits to Ottawa (Sep, Dec, Jan, Apr)

International

- FRA policy (Jan 30)
- RAL/STFC (Feb 6)
- ICFA mtg (Feb 10-11)
- US HEPAP (Feb 14-15, May 29)

The New IPP Projects

- BaBar, SNO and ZEUS have stopped taking data
- CDF will stop in the next year or two
- Carefully considered proposals from several new projects
- Added EXO:WIPP, SNO+, DEAP/CLEAN to the IPP physics programme
- Council proposes to institute triennial reviews of IPP project status to ensure projects still adding to the vitality of IPP physics programme
 - Don't intend to cutoff projects until NSERC funding runs out
 - Reserve the right to consider whether upgrades or changes to Canadian participation under-mine IPP project criteria

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.

The IPP Experimental Programme

Experiment	Timescale		Investigators	
	Start	End	IPP Scientists	Signatories (FTE)
ATLAS	2008 (1996)	2020?	3.5	41 (35)
BaBar	2000 (1998)	2008	1.5	10 (7)
CDF	1992	2009	0	3 (2)
DEAP/CLEAN	2010 (2008)	2015+	0	8 (5)
EXO-WIPP	2008 (2007)	2010?	0	7 (4)
$\pi \rightarrow e$	2008	2012	0	8 (3)
PICASSO	2004 (2006)	2010+	0	7 (4)
SNO	1999 (1998)	2006	0	16 (≤ 7)
SNO+	2010 (2008)	2015+	0	11 (6)
T2K	2009 (2004)	2015+	2	20 (15)
VERITAS	2007 (2004)	2010+	0	2 (2)
ZEUS	1992 (1984)	2007	1	4 (2)

A New Image for the IPP



1B



INSTITUTE OF PARTICLE PHYSICS

2B



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A New Logo for the IPP

IPP

3B

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4B

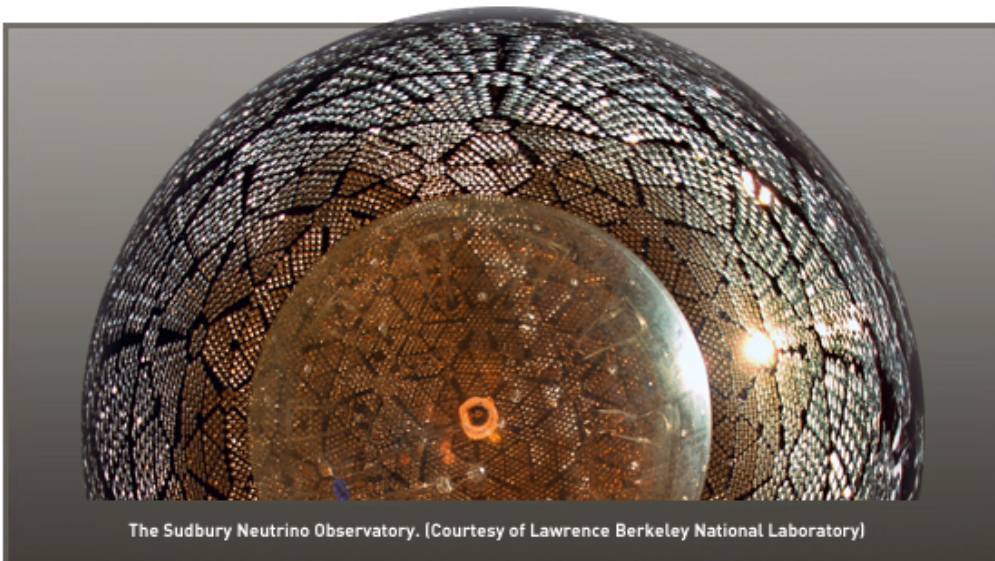
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A New Website for the IPP



The Sudbury Neutrino Observatory. (Courtesy of Lawrence Berkeley National Laboratory)

“ The Institute of Particle Physics is a non-profit corporation owned by the Institutional Members and operated by the Institutional and Individual Members for the benefit of particle physics research in Canada. ”



ATLAS

The ATLAS experiment will study pp collisions at a centre of mass energy of 14 TeV at the Large Hadron Collider (LHC) at CERN.



CDF

The IPP CDF effort has been funded since 1991 to support participation in the ongoing data collection and physics analysis.

NEWS

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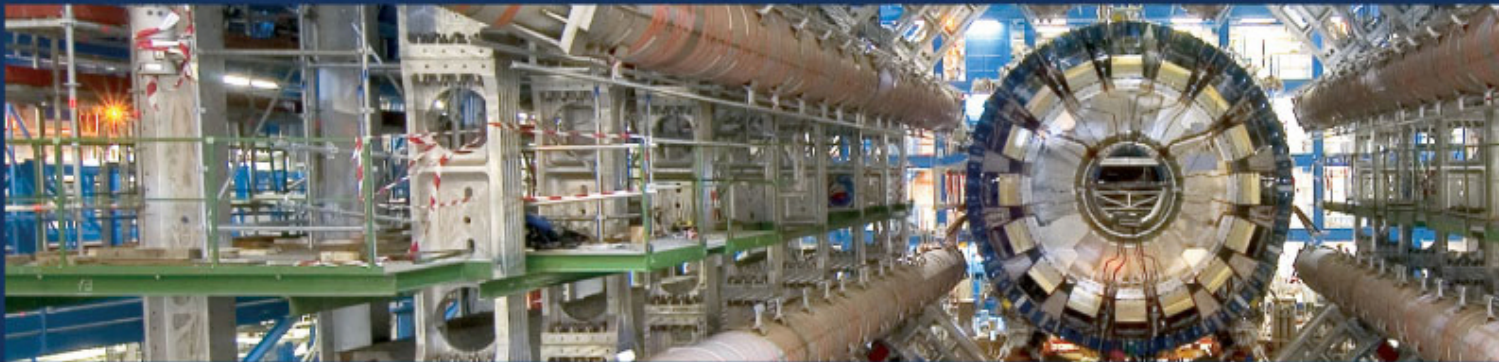
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The ATLAS experiment at CERN. (Courtesy CERN)

■ THE INSTITUTE OF PARTICLE PHYSICS



The Institute of Particle Physics is a non-profit corporation owned by the Institutional Members and operated by the Institutional and Individual Members for the benefit of particle physics research in Canada.

The Institutional Members appoint a Board of Trustees which has the legal responsibility for the actions of the Institute.

The Individual Members elect a Council which is responsible for the Scientific program and the operation of the Institute.

The IPP Council is chaired by the Director of IPP, who is appointed by the Board of Trustees and ratified by the Individual Members.

IPP PROGRAM

■ ATLAS



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[-more](#)

■ CDF



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[-more](#)

■ Pi2e



A collaboration of Arizona State University, BNL, Osaka University, TRIUMF, University of British Columbia, UNBC and Virginia Tech.

[-more](#)

The IPP Mission Statement

- The IPP explores the scientific frontier of the smallest entities and highest energy phenomena in our Universe, understanding how they explain the world around us. Canada plays a leading role in this most fundamental of international quests. The IPP serves as the focal point for particle physics in Canada.
- The IPP works to maximise the impact of Canadian particle physics research by:
 - Defining a cutting-edge scientific programme with Canadian leadership;
 - Supporting a cadre of internationally renowned research scientists;
 - Serving as the focal point for particle physics activities in Canada by:
 - * coordinating long-range planning activities;
 - * maintaining close ties with TRIUMF and its particle physics activities;
 - * acting as a first point of contact for partner institutions world-wide;
 - * supporting particle physics conferences and workshops hosted in Canada.
 - Generating outreach materials and disseminating them in Canada;
 - Training highly qualified personnel and exposing the next generation of Canadian researchers to opportunities in particle physics world-wide.

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
- Using LRP and TRIUMF 5-year plan to make the case that our science is part of the government's agenda