

IPP 2007 Annual General Meeting

- Director's Report
- GSC Report (Martin)
- Report from TRIUMF (Poutissou)
- Selling the SAP Long Range Plan (Ragan)
- ATLAS Upgrades for the sLHC (Orr)
- Super-B factory involvement (Roney)
- A Career Retrospective (Hemingway)



Saskatoon
June 17, 2007

<http://www.ipp.ca/communications/agm07.pdf>

Formalities

- Adoption of the Agenda
- Approval of minutes of 2006 AGM
 - Posted at <http://www.ipp.ca/minutes/IPPAGMminutes2006.pdf>
- Matters arising

IPP Council Composition

- Composition of current Council

A. Konaka	2007
D. O'Neil	2007
R. McPherson	2008
A. Warburton	2008
A. Bellerive	2009
J. Cline	2009
W. Trischuk (Director)	2009

- Thanks to Akira and Dugan 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

T. Noble (Queens)	
S. Oser (UBC)	
B. Kowalewski (Victoria)	

- Thanks to all for running
- 75 ballots (125 votes)
- Votes were tallied by UofT HEP secretary

IPP Council Election Results

- Council vote tallies

T. Noble (Queens)	51
S. Oser (UBC)	34
B. Kowalewski (Victoria)	40

- Thanks to all for running
- Welcome to council Tony and Bob!

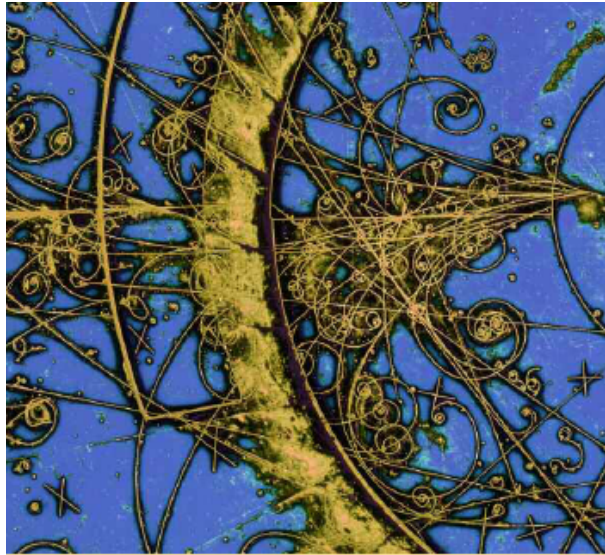
Council Activities

- Had two face-to-face meetings:

Sep 18 (Toronto), Jan 5/6 (TRIUMF)

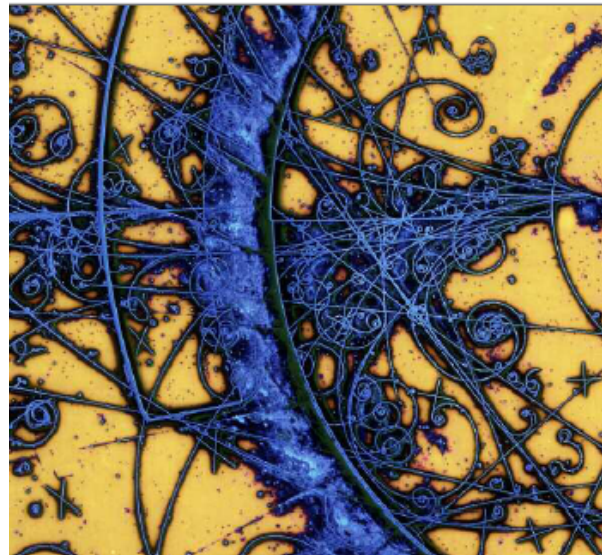
- Had one phone meeting in March to select the IPP RS
- Another phone meeting (Apr 23) for general IPP business
- Main items for discussion were
 - Selling the SAP-LRP
 - The IPP-RS search
 - Summary of this year's NSERC applications
 - IPP support for conferences
 - New IPP projects

Subatomic Physics Long Range Plan Documents



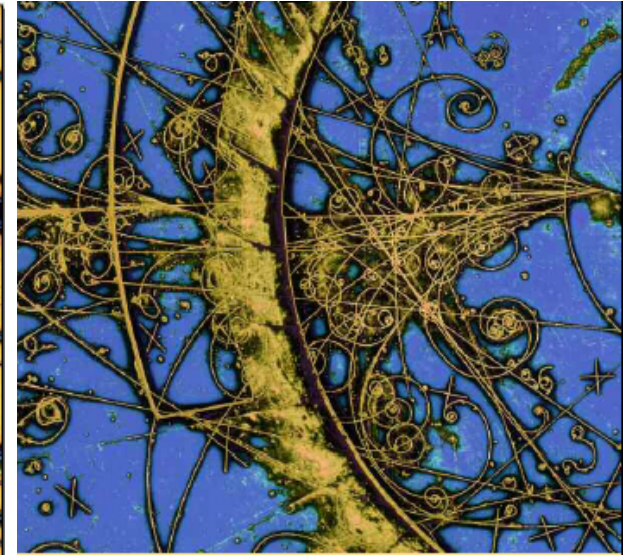
Perspectives on Subatomic Physics in Canada 2006-2016

REPORT OF THE NSERC
LONG-RANGE
PLANNING COMMITTEE



Exploring the Subatomic Realm

SUBATOMIC
PHYSICS
IN CANADA



Perspectives sur la physique subatomique au Canada 2006-2016

RAPPORT DU COMITÉ
DE PLANIFICATION À
LONG TERME DU CRSNG

News from the Board of Trustees Meeting

- Membership of the Board of Trustees:
 - Trustees: Axen, Carnegie, Keeler, Orr, Sinclair, Stairs
 - Officers: Trischuk director, Bailey secretary-treasurer
- Discussed possible amendments to the selection criteria for IPP projects

New Individual Members

J. Albert	Victoria	Expt. (BaBar/ATLAS)
R. Allaverdi	Alberta	Theory
K. Benslama	Regina	Expt. (ATLAS)
B. Cai	Queens	Expt. (SNO)
B. Caron	Alberta	Expt. (ATLAS)
B. Cleveland	SNOLab	Expt.
F. Duncan	SNOLab	Expt.
R. Ford	SNOLab	Expt.
H. Firouzjahi	McGill	Theory
C. Gay	UBC	Expt. (ATLAS)
K. Graham	Carleton	Expt. (SNO)
B. Jamieson	UBC	Expt. (SNO)
C. Jillings	SNOLab	Expt.
I. Kato	TRIUMF	Expt. (T2K)
J. Khoury	Perimeter	Theory
T. Lindner	UBC	Expt. (T2K)
B. Lizarraga	Queens	Expt. (SNO)
R. MacKenzie	Montreal	Theory
A. Marino	Toronto/York	Expt. (T2K)
E. Mathie	Regina	Expt. (T2K)
W. Rau	Queens	Expt.
R. Tacik	TRIUMF	Expt. (T2K)
S. Yen	TRIUMF	Expt. (T2K)

- 23 new members; bringing our total membership to 186

Status of the IPP

- The IPP grant is now in last of three years
- Grant supports
 - Eight Research Scientists:
 - * Corriveau, Hearty, McPherson, Martin, Robertson, Sobie, Tanaka and Teuscher
 - * These salaries represent 96%* of our NSERC grant
 - Conferences (3 conferences for a total of \$14k)
CHEP07, LLWI07, TheoryCanada07
 - Printing of LRP 'sales' brochure (\$7k)
 - Travel for Council meetings + Administration
- Accounts provisionally passed at Board meeting this morning

Financial Overview

\$k	05-06	06-07	07-08
Balance Forward	166.5	182.5	73.9
NSERC Award	850	875	940
Total Available	1020.5	1057.5	1013.9
Salaries and Benefits	763	868	860.6
Theory PDFs	-	16	16
Travel	26.5	18	18
Conference Support	14	15	15
Outreach	7	7	7
Administration	23.5	22.6	19
Total Expenses	834	946.6	935.6
Balance	182.5	73.9	78.3

- 07-08 proposed for current year

Director's Activities

Canadian

- TRIUMF ACOT (Dec8-9, May11-12)
- National Facilities meeting (Jan 17)
- NSERC LPD talk (Feb 5)
- NSERC reviews
 - SNOLab (Dec 6,7)
 - T2K (Jan 8)
 - BaBar (Jan 9)
 - SNO-science (May 1)
 - SNO-ARC (May 15)

International

- ALCPG - TRIUMF mtg (July 18-22)
- US HEPAP (Oct 12-13)
- FRA policy (Jan 31)
- LCWS-Hamburg (May30-June3)

The IPP Research Scientist Search

- Richard Hemingway retiring (eff. June 30/07)
- Approval to re-fill this position and ads out in August
- Deadline for applications at the end of December
- Had 52 applicants (16 Canadians)
- Shortlist of four selected in early January
- 32 IPP-RS visits in February
- Council selected our top candidate on March 12
- Pleased to announce that Hirohisa Tanaka has accepted our offer
- Currently negotiating with three host institutions
- Thanks to everyone for their input during the search

The New IPP Projects

- With BaBar, CDF, SNO and ZEUS reaching the end of data-taking half of the IPP programme will be ramping down in the next few years
- Have begun to consider replacements for these projects
- Have received requests to be considered from
 - SNOLab projects: EXO, SNO+, DEAP/CLEAN
- Other traditional accelerator projects “in the offing”
 - Super-B factory
 - Linear Collider
- Accepted EXO:WIPP as an IPP project this spring

The Criteria for Selection of IPP Projects

- Council has been working with a traditional set of project criteria
 0. Have potential to answer crucial particle physics question(s);
 1. Include a diverse group of Canadian particle physics researchers (usually not just one institution);
 2. Financial support for construction/operation or exploitation of a 'full experiment' from NSERC (or other Canadian funding agency). This should 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. The Canadian particle physics community is sufficiently small that we are better served by focusing our efforts on one experiment in each field/area/accelerator. Thus it should be clear how they differ from existing IPP projects.

The IPP Experimental Programme

Experiment	Timescale		Investigators	
	Start	End	IPP Scientists	Signatories (FTE)
ATLAS	2007 (1996)	2020?	3.5	41 (32)
BaBar	2000 (1998)	2008	1.5	10 (7)
CDF	1992	2009	0	6 (2)
EXO:WIPP	2002 (2007)	2012	0	6 (3)
PICASSO	2006 (2005)	2010+	0	7 (5)
$\pi \rightarrow e$	2007 (2006)	2010	0	6 (3)
SNO	1998 (1995)	2007	1	30 (19)
T2K	2009 (2004)	2015+	1	19 (9)
Veritas	2007 (2004)	2010+	0	2 (2)
ZEUS	1989 (1984)	2007	1	4 (2)

- Is the IPP programme serving the community? (Yes, 84 FTEs)
- Data-taking finished for many – or soon will be

The Future of the IPP Programme

Experiment	Timeline		Investigators (fte)
	Start	End	
ATLAS	2007 (1996)	2020?	35 (30)
Linear Collider ?	2015 (2009)	2025+	25 (15)
Picasso	2000 (2005)	2010+	8 (5)
EXO ?	2012 (2010)	2020+	12 (8)
SNO+?	2010 (2008)	2015+	12 (8)
DEAP/CLEAN?	2010 (2008)	2015+	12 (8)
Super-B?	2015 (2010)	2020	8 (5)
T2K	2009 (2004)	2015+	12 (8)

- How to balance large vs. small
- Projects in Canada (SNOLab, TRIUMF)
- How do you want the IPP to look in 10 years time?

Outlook

- The IPP community continues to grow
- Our science is clearly vital in physics departments across the country
- Will add several new projects to the IPP programme
- Continue efforts to make our LRP part of the government's agenda