PPD Business Meeting

May 30th 2013

On behalf of Veronica Sanz
PPD Executive

- Treasurer: David Bailey (U Toronto)
- Web Designer: Francois Corriveau (McGill)
- Past Chair: Bernd Stelzer (SFU)
- Almost Past Chair: Veronica Sanz (York, now University of Sussex)
- Incoming Chair: Anadi Canepa (TRIUMF)
Summary of the the 2012 Meeting

- PIC theme for the April 2013 issue
- PPD Doctoral thesis award
- Division Finances
- Noted that we have a long-term approval for PPD oral competition (2 prizes) and Divisional Poster prize (1 prize)
- Approved using $250 of PPD funds to support the WNPPC best student talks prizes (DNP had been asked to contribute a matching amount)
- A.C. was elected to become the new PPD Chair Elect
Montreal Congress

- 9 sessions (and 10 joint sessions)
- 5 invited talks (and 13 invited talks in joint sessions)
- 67 contributed talks (total)
- 32 talks in oral student competition (total)
- 3 posters

Opening Talk “Discovery at the Large Hadron Collider”,

M. Lefebvre on behalf of the ATLAS-Canada Collaboration
PPD Sessions (19)

- Advances in Particle Theory (joint with DTP)
- New developments in Particle and Nuclear Theory (joint with DTP-DNP)
- Long Baseline Neutrinos
- Double Beta Decay
- Cosmology / Particle Astrophysics
- Dark Matter Direct Detection
- ATLAS Opening Talks
- ATLAS Technical (I)
- ATLAS Technical II
- ATLAS Technical (III)
- Tops and Boosted Objects at the LHC
- SM tests at high and low energy (joint with DNP)
- Instrumentation
- Instrumentation for Dark Matter
- Instrumentations for Dark Matter and Scintillators
- Instrumentation (joint with DIMP)
- Instrumentation for Cosmology and Neutrinos (joint with DIMP)
- Mini Symposium on Mass Spectrometry (joint with DNP-DHP)
- Experimental Advances and Accelerators (joint with DNP)
Thank You!

• **Speakers:**
  – Lots of excellent and interesting talks
  – Several highlights presented during this congress

• **Session Chairs:**
  – Camille Belanger (McGill)
  – Sebastien Bianchini (TRIUMF/UBC)
  – Amy Bender (McGill)
  – A.C. (TRIUMF)
  – Andres Flores (York)
  – Lea Gauthier (Montreal)
  – Mark Hartz (UoT/York)
  – Christopher Jackson (Montreal)
  – Bob Kowaleski (Uvic)
  – Matthieu Lafreniere Poisson (Montreal)

  – Philippe di Stefano (Queen’s)
  – Eric Vazquez Jauregui (SNOLAB)
Thank you!

• **PPD Judges:**
  – A. C.
  – Isabel Trigger (TRIUMF)
  – Mark Hartz (UoT/York)

• **CAP:**
  – Chantal Martucci (Program Manager, Assistant Congress Coordinator)
  – Francine Ford (Executive Director)
Congress Prizes

• PPD is funding 1\textsuperscript{st} ($200) and 2\textsuperscript{nd} ($100) prizes for the winners of the PPD best student presentation

• We also pay banquet ticket for any PPD winners who will attend (and has not bought banquet tickets already)

• Two years ago, we added a poster competition with 1\textsuperscript{st} prize ($200)
WNPPC Student Prizes

• At last year’s business meeting we approved ongoing support ($250) for student presentation prizes at WNPPC 2013 (shared with DNP)
  – 250$ 1\textsuperscript{st}
  – 150$ 2\textsuperscript{nd}
  – 100 3\textsuperscript{rd}

• Prizes were assigned but allocated PPD support not transferred to WNPPPC account
2012-2013 Finances

(Audit ended the week before Congress, up to date financial statement will be distributed within one month from today)

<table>
<thead>
<tr>
<th>Balance as at December 31, 2012</th>
<th>$ 7,888.78</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013 Renewals received prior to Dec. 31/12</td>
<td>$ 260.00</td>
</tr>
<tr>
<td>Fee Structure: 26 @ 10.00</td>
<td>$ 260.00</td>
</tr>
<tr>
<td>5-year renewals - 2013 portion</td>
<td>$ 230.00</td>
</tr>
<tr>
<td>Fee Structure: 23 @ 10.00</td>
<td>$ 230.00</td>
</tr>
<tr>
<td>Balance as at January 1, 2013</td>
<td>$ 8,378.78</td>
</tr>
</tbody>
</table>

Expected expenses:
- WNPPC Prize (250$) - TBC
- PPD Prizes for CAP 2013 (250$)
- Support for PIC (1000$, matching from IPP, TRIUMF, SNOLAB, PI)
Congress Improvements

• Proposal presented at the last meeting and developed at Congress 2013
  – Talks organized by subject (and not experiment)
  – Joint sessions
• Other ideas?
  – Dedicate morning to non-overlapping invited talks providing overview of the field
    • Collider physics
    • Neutrinos
    • Dark Matter
      (both from experimental and theoretical points of view)
PPD Improvements

• Membership raised to 289 with respect to 267 at Congress 2012
• How can we improve the visibility and effectiveness of the PPD further?
  – Support prizes at other conferences?
  – Introduce ‘career’ awards?
  – Support the newly created TRISEP Summer School?
  – Increase PPD membership (if possible)
  – Other suggestions?
Web page

- As suggested last year, names of students who won the prize for best presentation/poster are posted on the website.
- Any other developments to increase the effectiveness and usage of the webpage?
  - Job opening? Conference/schools? Summer job opportunities? Other ideas?

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Particle Physics Division

<table>
<thead>
<tr>
<th>Year</th>
<th>Location</th>
<th>Best Presentation(s)</th>
<th>Best Poster</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>Montréal</td>
<td>Tina Pollmann (Queen’s)</td>
<td>Tina Pollmann (Queen’s)</td>
</tr>
<tr>
<td>2012</td>
<td>Calgary</td>
<td>Corina Nantais (Queen’s)</td>
<td>Corina Nantais (Queen’s)</td>
</tr>
<tr>
<td>2011</td>
<td>St. John’s</td>
<td>Simon Viti (UBC/TRIUMF)</td>
<td>none</td>
</tr>
<tr>
<td>2010</td>
<td>Toronto</td>
<td>Enn O’Sullivan (Queen’s)</td>
<td>Joseph Fox (Queen’s)</td>
</tr>
<tr>
<td>2009</td>
<td>Moncton</td>
<td>Marie-Cécile Pino (Montréal)</td>
<td>Marie-Cécile Pino (Montréal)</td>
</tr>
<tr>
<td>2008</td>
<td>Laval</td>
<td>Simon Archambault (Montréal)</td>
<td>Simon Archambault (Montréal)</td>
</tr>
<tr>
<td>2007</td>
<td>Saskatoon</td>
<td>M. H. Genest (Montreal)</td>
<td>M. H. Genest (Montreal)</td>
</tr>
<tr>
<td>2006</td>
<td>St. Catharines</td>
<td>?</td>
<td>?</td>
</tr>
<tr>
<td>2005</td>
<td>Vancouver</td>
<td>?</td>
<td>?</td>
</tr>
<tr>
<td>2004</td>
<td>Winnipeg</td>
<td>Oliver Steele-Chilton (Toronto)</td>
<td>n/a</td>
</tr>
<tr>
<td>2003</td>
<td>Charlottetown</td>
<td>Ian Voisine (Toronto)</td>
<td>n/a</td>
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PPD - PhD Thesis Award (I)

• Consensus reached at CAP 2012
• Suggest following model:
  – PPD chair(s) nominate 5 PhD theses / students based on reference letters from their supervisor and the external examiner
  – Need to assess three key selection criteria
    1. Originality / impact of students contribution / student role
    2. Relevance of research topic / results
    3. Thesis presentation
PPD - PhD Thesis Award (II)

Proposal

– Develop a template for the supervisor’s evaluation
– Develop a template for the external examiner’s evaluation
– Call for volunteers to be on the list of examiner (~1 thesis per year)
– Nominate 1-2 examiners per field as a standing committee for the year (with the flexibility to nominate an additional ad-hoc examiner):
  • Collider
  • Neutrinos
  • Dark Matter
  • Detector and Instrumentation
  • Theory
  • More?

Award: invited speaker at CAP? Financial award? Both?
Physics in Canada (I)

- Themed issue for April 2013 will be issued
- Featuring exclusively the *breadth* of particle physics research in Canada
- A set of ~10 short articles (≤5 pages) on
  - Particle theory
  - Collider based particle physics
  - Non collider based particle physics
  - Particle physics history in Canada / timeline
- Articles written at the level for *prospective graduate students*
- *Past, present and incoming PPD chairs* took on overall editor role
- Guest editors for dedicated sessions
Physics in Canada (II)

• Full page for advertisement for each sponsor
• How can we benefit from that?
• Feel free to send your suggestions at your earliest convenience to canepa@triumf.ca (by mid June to meet the PIC deadline)
New Chair Elect

- Jean Francois Arguin (Université de Montréal) has agreed to become PPD chair for 2015

- I would like someone to move the motion that we elect Jean Francois Arguin as PPD Chair-Elect