



Minutes for IEEE Canada – TISP Committee Meeting

Date: Wednesday July 18th, 2012

Time: 8:00- 9:00 PM

Teleconference call #:

1-866-512-0904

access code: 8514573#

1. Roll Call of Participants

See annotated table attached at the end.

2. Adoption of Agenda

Adopted as it was presented.

3. Review of Minutes from May 30th telecom call

Adopted as it was submitted.

4. Plans for the 3rd issue of TISP Canada's Newsletter (Courier # 3) (Dirk,...)

Reports from many sections are needed to be part of the Courier #3. Zahra could contribute for Vancouver. Anader talked to Bruce who suggested having teachers corner. Bruce is expected contacting Katherine Davey from Montreal School Board to provide material. A detailed report based on TISP workshop in Tampa will be presented. Dirk suggested that we find a distribution manager to circulate the newsletter to the right people, including schools, teachers, government people, etc. Local TISP champions would be best to distribute. Jennifer Ng could be approached to help. The IEEE Global president, Peter Staecker has talked to Anader and he was asking about IEEE TISP Canada's success and what were the main reason for such a success. He is keeping informed about the program and interested in getting involved. Third Newsletter is expected to be completed and printed for distributions by first week of August.

Anader assigned Patrick to be distribution manager of TISP Canada Newsletters and news and reach out to a maximum number of readers within Canada and beyond.

There are approximately 115 copies from the first two newsletters. Copies will be mailed to Vancouver (25), Toronto(50) and Montreal(25) for local schools and WIE



presentations. There was suggestion by Zahra to generate a page or a half of a page of a flyer should link to the newsletter. Mooney suggested a paragraph for STEM program in South Dakota to be included in this newsletter.

5. Plans for Vancouver and Seattle Workshop 2013?

Zahra reported that she spoke with the chair from Seattle. They expect over 70 people from the both sections to attend. Alberta, Saskatchewan, and Manitoba will participate at the next TISP Workshop in Vancouver. Zahra is trying to get in touch with school boards to send people and to attend the workshop. It was discussed that the workshop will be in May 2013.

6. Curriculum change (Patrick)?

Patrick reported that he will continue contacting Mr. Cohen from STAO for possible Ontario curriculum changes.

7. Status on the TISP Canada Website?

Bruce will help for getting a website on IEEE Canada for posting TISP material. This will be an element on the agenda of IEEE Canada, by the end of August.

8. Organizing next Section based TISP Workshop(s) (Montreal)

Anader reported that Montreal section might have two presentations at school boards. Dave Hepburn might be asked to join at one of these events.

9. Review of all Sections TISP activities:

- Sections reporting
- Plans for the rest of the year activities.

Newfoundland

Brian: There will be a full day workshop for 14 teachers in the last week of August at the Engineering Faculty of Memorial.

Canadian Atlantic

Dirk reported:

1. Students are engaged in the Supernova at Dalhousie University.



2. Preparations are underway for monthly meetings organizing the 2013 Engineering Month in Nova Scotia, which will include a significant contribution by TISP (design contest / challenge for students).

New Brunswick

No report provided.

Montreal

Anader: see 8.

Ottawa

Janet: "We participated in the Summer Institute for Elementary Teachers (SIET) at the Museum of Science and Tech in Ottawa. We presented IEEE and a TISP workshop. This year we did the Working with Wind activity with 35 teachers from across Canada. We encouraged them to contact their local IEEE sections for help with TISP activities and for resources to help with teaching kids about science and engineering. We were specifically asked about St John's Newfoundland and Montreal and directed those teachers to the section websites. So I hope that you hear from them in your local sections. Our portion of the SIET was checked off by many of the teachers as their favorite part of the week's activities, so our efforts are being well received. This is becoming an annual event for our TISP committee as this is our second year participating in SIET and we hope to continue next year."

Toronto

Nothing to report.

Hamilton

Dave Hepburn:

1. The Ontario section now has the full money for the STAO Booth to be held next November, and Pelle Westlind has mailed a cheque to STAO.
2. Arising from the suggestion put forward by Anis Haque at Tampa, he has started to draft a lesson plan aimed at the very young students (maybe Grade 3 or 4) illustrating how binary numbers work. Dave has in mind a title something like "How Do Computers Do What Computers Do". Since this was originated by Anis, he is keeping him in the loop.

Kitchener/Waterloo

No report provided.

London Ontario



No report provided.

Saskatchewan

. No report provided.

Calgary

Anis Haque reported about the Math Kangaroo Workshop in Banff. He had about an hour to present about TISP's activities. The title was "IEEE and Mathematics Education for K-12 Students."

The main sections of the presentation are: a) About IEEE b) About TISP and how it works in Canada c) Hands-on activities at TISP which promote mathematics along with science and engineering d) A hands-on activity (Binary - how computers work), the one which I proposed at the Tampa Symposium He received very good comments on the hands-on activity. He tried to keep it simple for grade three students. Before presenting it to the workshop Anis also tested this activity with a grade three student and she learned it very quickly and was very excited about it. Link to recordings of the presentation:

<http://www.birs.ca/events/2012/2-day-workshops/12w2184/videos/watch/201208041545-Hague.mp4>

Edmonton/Northern Canada

Rossitza Marinova and Mooney Sherman reported:

The TISP activity at the Math Kangaroo Workshop in Banff was jointly planned and prepared by champions from both Northern Canada and Southern Alberta sections. Three TISP champions were present: Anis, Mooney, and Rossitza.

Vancouver

Zahra Ahmadian: TISP group in Vancouver is working on establishing contact with the school boards in greater Vancouver area and is recruiting new volunteers for the TISP program. There will be a telephone call with Mike Becker chair of the Seattle section on July 19th to discuss the ways that Vancouver and Seattle can work together for the TISP workshop. IEEE WIE Vancouver will be contacting schools via mail in September regarding outreach activities and will be sending out TISP information inviting schools to participate in the program.

Zahra also mentioned that she will invite two people at the TISP Canada meeting on September 5, 2012.

Victoria

No report provided.



Winnipeg

No report provided.

Peterborough

No report provided.

Kingston

No report provided.

Quebec

No report provided.

St. Maurice

No report provided.

Sherbrooke

No report provided.

10. Action items – Budget for 2013?

Anader: Newsletters are costly. The workshop in Vancouver will need funding. This year budget is \$5000 and we hope to receive more next year.

11. Time for the next meeting?

Wednesday **September 5th**, 2012, 8:00 PM

12. Varia

Responses from Jennifer Ng to her current actions items:

“

1. Sent links of the Picasa Albums (150 pictures) where my TISP Symposium pictures are located to the Canada TISP Courier co-editors (aka Pat F, Dirk W and Dave H). Please add credit if you will use any of my pictures and if you need help with identifying some of the attendees, let me know.
2. Attached is a summary report excerpted from my report to MGA at the June 2012 meetings last weekend in Boston. I am only including the activities so far and which the team members might find some interest of what is going on worldwide.
3. Attached is also the presentation that I gave at an R8 webinar event in April 2012 outlining the current TISP Canada model.
4. Comments on the flyer: great job! I would say that we would need a standard disclaimer on it somewhere that says that the views expressed in the newsletter, etc. in the articles are those of article writers and not necessarily those or endorsed by the IEEE.



5. Comments on the newsletter: I also noticed that the TISP Courier #3 was final as of July 2012? Was a notice sent that it was available? I must have missed it. Could someone send me the notice again please? I just downloaded it from the site (Thanks again to Bruce for kindly giving us this repository - what a wealth of information there). Another great edition!
6. At this point, Jennifer suggests a few things (administratively):
 - a. An official IEEE listserv mailing list be created for all the people on the Cc: list (non IEEE members can be added as well as I believe) from the IEEE. Something such as tisp-canada@listserv.ieee.org? See this page for details <http://elecomm.ieee.org/maillist.shtml#> This mailing list address could be advertised on the newsletter for other potential members interested to join. From there we might even consider another one for just people to receive the newsletter electronically such as tisp-canada-courier@listserv.ieee.org? Anyway, a lot of possibilities when handling large groups of people on email.
 - b. A shorter URL or redirect URL such as www.ieee.org/go/tisp-canada which will link directly to the TISP Canada website? This would be a great way to link the IEEE brand to the URL (especially on business cards or other printed materials). See this page for details <http://www.ieee.org/about/help/redirectregister.html> I used those redirect URLs extensively for WIE and TISP events in Ottawa when I needed a shorter URL for registrations, posters, etc.

”

Mooney suggested sending reminders to all champions to see which sections are empty. The text was emailed:

Pay Incentives for Science & Math Teachers

To help prepare South Dakota's young people for employment in today's high-tech, global economy, *South Dakota Wins* will create the groundwork for differential pay for math and science teachers.

By incentivizing them with bonus pay, we will both attract and retain educators in the critical Science, Technology, Engineering, and Mathematics (STEM) fields. *South Dakota Wins* will also work to help encourage young people to become educators in these critical shortage areas by overcoming the pull for math and science students to follow other career paths outside of education due to salary competition.

Updates: [Universities and K-12 Schools Partner Up to Improve Math and Science](#)

13. **Adjournment:** 9:00pm



IEEE Canada – TISP Committee Members 2012:

Chair, Anader Benyamin-Seeyar,
 TISP Secretaries, Rossitza Marinova & Mooney Sherman
 Newsletter Editors, Dirk Werle, Pat, **Dave Hepburn**, **Murray MacDonald**
 School Boards Liaison, Patrick Finnigan & **Dave**
 Treasurer, **Kaveh Moezzi**

Note: Absentees in **red** and attendees in black font colors.

Sections	Section Champion(s) / Guests
• Newfoundland :	Brian Kidney
• Canadian Atlantic :	Dirk Werle
• New Brunswick:	Esam Ghanem & Brian Scott
• Montreal :	Samir Kharaf / Hamadou Saliah-Hassane
• Ottawa :	Janet Davis
• Toronto :	Patrick Finnigan & Dennis Cecic
• Hamilton :	Dave Hepburn
• Kitchener/Waterloo :	Hamid / Amir Khatibzadeh
• London Ontario :	Murray MacDonald
• Saskatchewan :	Wahid Khan / Craig
• Calgary :	Anis Haque
• Edmonton/Northern Canada :	Rossitza S Marinova / Mooney Sherman / Mousabbir Hassan
• Vancouver :	Zahra Ahmadian & Nina Selak / Mahshid Karimi
• Victoria	Amirali Baniasadi
• Winnipeg	Witold Kinsner & Dario Schor / Shaahin Filizadeh
• Peterborough	Sean Dunne
• Kingston	Basel Nabulsi & Umar Iqbal / Shahram Yousefi
• Quebec	Hoang Lehuy / André Morin
• St. Maurice	Adel-Omar Dahmane
• Sherbrooke	Witold Kinsner?
• IEEE EAB PECC	Jennifer Ng – IEEE MGA pre-university coordinator
• IEEE R7	Bruce van Lane