



## Minutes for IEEE Canada – TISP Committee Meeting

**Date: Wednesday April 11<sup>th</sup>, 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 circulated

### **3. Review of Minutes from January 24<sup>th</sup> & November 30<sup>th</sup> telecom call**

Approved as circulated with minor modification for Kingston Section's report to add: "Kingston Section is still holding weekly Robotic workshop (on Thursdays) in robotic club and few photos of the activities will be send in near future." In addition, adding Mr. Basel Nabulsi as a new member for the section's TISP team.

### **4. Report on STAO 12 preparations?**

- 4 Sections (Kingston, Kitchener, London, Peterborough) have not yet sent their cheques
  - Section representatives to remind their section treasurer to send dues to Pelle Westlind
- Cathie Lowell sent \$500 as down payment to STAO 2012 (but should be \$314).

### **5. Preparation for the 2<sup>nd</sup> Issue of TISP Canada's Newsletter (Courier # 2)**

- Dirk has the full issue of 12 pages laid out and available on the Editorial (Communication Matters) Web site.
- Bruce can coach any member needing help in using this newsletter preparation website (uploading, deleting etc.)

### **6. Near and Long-Term Direction of TISP Canada Committee**

- The TISP Courier Newsletter has been very helpful in promoting our activities within IEEE R7, but also in the EAB and beyond.
- It is important to try and duplicate participation in events like STAO (Ontario) across Canada (Quebec is planning such an event, for example).

## 7. New Assignments within TISP Committee

- TISP Courier Editor-in-Chief is Dirk Werle, who has done such an excellent job on the first 2 Issues.
  - Dave Hepburn and Murray MacDonald will be co-editors of the newsletter, esp. working on finalizing content and submissions
- Mooney Sherman and Rossitza Marinova have taken over Secretary duties for the TISP Canada Committee from Pat.
- Pat will lead efforts to engage all sections at School Boards, and to jump-start additional TISP activities in the sections. This should lead to affect the school curriculum change helping interested teachers to be rewarded in their engagement with TISP mission.

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

- Very difficult to fund and organize events at the national level (as was done in 2011 in Mississauga). Anader will work on having the 3<sup>rd</sup> TISP Workshop in Vancouver 2013.
- Need to engage in STAO-like conferences across the country
  - For example, Samir in Montreal will meet with Anader concerning the upcoming Quebec teachers' conference
- Witold would like to put-off any TISP workshops until 2013 in Manitoba.

## 9. Review of all Sections' TISP activities :

- Section activities (**encouraging the inactive sections!**)
- Plans for the rest of the year activities.

### Atlantic Canada

- Dirk reported his team participated in National Engineering Month events on March 24 with the Dalhousie University SuperNova team
  - Students worked on the "Popsickle Bridge" TISP design
- His team is having a post-mortem of the event, in order to do even better next year
- Dirk was engaged heavily with the Engineering Month. March 24<sup>th</sup>, at IEEE Canada Atlantic conference.

## Montreal

- Samir is organizing events with Montreal school board – he has a good teacher contact, and wants to participate in the upcoming teachers' conference, as well as running workshops at individual schools (like Charles Lemoyne College and Lester B. Pearson school)

## Toronto

- Pat to continue contact with STAO committee as discussed during 2011 STAO (Mr. Cohen).

## Hamilton

- Dave was a judge at April Science Fair – Saturday March 24 at Brock University.
  - As a francophone, he judged many interesting student projects
  - He coached some young students who were participating.

## London

Murray reported:

- In conjunction with the London PEO, we had two displays at the London Children's Museum for National Engineering Month (March) and on Saturday 31st I did two activities with museum attendees. I have photos and will write this up for Courier #3.
- I am participating in a multi-class design project at A.B. Lucas - building a roller coaster. I will include this in our section newsletter requesting volunteers to help with the design process.
- I have two other opportunities percolating - a gifted program looking for an irrigation lesson plan and assistance, and several robotics projects. I'll include both of these in the section newsletter and also contact PEO for possible volunteers for the irrigation one

## Calgary

In a process of developing more hands on activities related to Alberta curriculum

## Ottawa

Janet Davis was absent at the call and there was no report from her side, but Jennifer Ng Ain Kin, MGA pre-university coordinator reported on her role via email:

On April 12, 2012, I presented "Expanding the reach of TISP: a Canadian Model" during an IEEE R8 Education Activities Webinar and with focus on TISP. The URL to the meeting invitation is at:

[https://meetings.vtools.ieee.org/meeting\\_view/list\\_meeting/11823](https://meetings.vtools.ieee.org/meeting_view/list_meeting/11823)

The presentation is attached and can be placed in the TISP R7 documents repository

The recording of the event can be played back or downloaded at:

<https://ieeemeetings.webex.com/ieeemeetings/lsr.php?AT=pb&SP=EC&rID=67824642&rKey=f85309fd0910356b>

This is the second one that R8 presented on TISP with the first one (March 1, 2012) having the EAB PECC Chair, Dr. Liz Burd, to present the role of EAB PECC as well as some of the 2011 Sections Congress recommendations regarding pre-university activities across regions. The URL meeting invitation is at:

[https://meetings.vtools.ieee.org/meeting\\_view/list\\_meeting/10361](https://meetings.vtools.ieee.org/meeting_view/list_meeting/10361)

The recording of the event can be played back or downloaded at:

<https://ieeemeetings.webex.com/ieeemeetings/lsr.php?AT=pb&SP=EC&rID=67045342&rKey=b0a66a66e8725572>

At the webinar, I shared with some attendees the PDF copy of the first TISP Canada Courier newsletter

Given that IEEE R8 comprises of Europe, Middle East and Africa, they use extensively IEEE tools such as [vtools](#) for scheduling as well as IEEE WebEx services to have people attend the presentation remotely.

These are features that TISP R7 could also benefit from, given we share the same logistical challenge with a big country from coast to coast.

In IEEE R8, all such webinars are led and organized by the IEEE R8 Education Activities Coordinator. Is there a similar role within R7?

In the future, I would like to propose two similar TISP R7 webinars with the following topics speakers (same format but with more Canadian content):

**First one:**

Introductions - Anader Benyamin-Seeyer (TISP R7 Committee Chair)

- "IEEE EAB Sections Congress recommendations (focus on pre-university activities)" - Liz Burd (IEEE EAB PECC)
- "R7 Education Activities Alignment to support the Sections Congress recommendations" - Keith Brown (R7 Director)

**Second one:**

Introductions - Anader Benyamin-Seeyer (TISP R7 Committee Chair)

- "Get involved with Teacher In-Service Program" - Yvonne Pelham
- "Organizing a TISP Workshop" - a TISP R7 Champion (Pat/Dave/?) relating how to start and what was done, etc.
- "Expanding the reach of TISP: a Canadian Model" - Jennifer
- "TISP Canada Courier" - an overview and call for articles (Dirk/Dave/?)

With both recordings, these webinars could serve as "training materials" for new TISP R7 Champions as well as for R7 Sections who are still not engaged into the program and want to know more.

Central Ontario (Peterborough)

Sean reported they participated in Engineering Week with an ambitious design project

- Students from throughout Central Ontario (Cobourg, Port Hope, Peterborough) designed blades for a wind generator in teams of 4
- At an event in Peterborough, 100 students participated.
- Project undertaken with both PEO and OCET.

## Northern Alberta/Edmonton

Rossitza, Mooney and Musa reported

- They ran the Math Kangaroo competition and it was very successful event
- Several other IEEE members participated

## Winnipeg

Witold reported they had recently completed 15 events including:

- Engineering Week
- Hovercraft Competition
- Astronaut talking at Sharp school
- High School Radio course completed
- Planning for the July Space camp (Satellite design) including 100 students and 50 advisors
- Hosting the Canadian Engineering Education Conference

## Vancouver

No current report.

## Kingston

Umar reported:

- TISP team continues to hold a series of Robotic workshops using MindStorm kits
- Basel Nabulsi has joined the team and he is very active member.

## **10. Invitation TISP symposium + Vancouver 2013 ?**

Several members have been invited to the IEEE TISP Symposium in Tampa May 18, and several (Pat, Anader, Dave and others) plan to attend. Anader will participate as a panelist for TISP R7 and he will talk about the plans for Vancouver 2013 Workshop.

## **11. Time for the next meeting?**

Wednesday May 30, 8:00 PM

## **12. Varia**

## **13. Adjournment. 9:10**



## IEEE Canada – TISP Committee Members 2012:

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

### Sections

### Section Champion(s) / Guests

- Newfoundland : Brian Kidney
- Canadian Atlantic : Dirk Werle
- New Brunswick: **Esam Ghanem & new champion TBD for section**
- Montreal : **Samir Kharaf / Hamadou Saliah-Hassane**
- Ottawa : **Janet Davis**
- Toronto : Patrick Finnigan & **Dennis Cecic**
- Hamilton : Dave Hepburn
- Kitchener/Waterloo : **Amin Mobasher / Amir Khatibzadeh**
- London Ontario : **Murray MacDonald / Maike Luikken**
- Saskatchewan : **Wahid Khan / Craig**
- Calgary : **Anis Haque**
- Edmonton/Northern Canada : Rossitza S Marinova / Mooney Sherman / Moussa Hassan
- Vancouver : **Zahra Ahmadian & Nina Selak / Mahshid Karimi**
- Victoria **Amirali Baniasadi / Kelly / Alexandra**
- Winnipeg **Witold Kinsner & Dario Schor / Shaahin Filizadeh**
- Peterborough **Sean Dunne / Luc Matheau**
- Kingston **Basel Nabulsi & Umar Iqbal / Shahram Yousefi**
- Quebec **Hoang Lehuy / André Morin**
- St. Maurice **Adel-Omar Dahmane**
- IEEE EAB PECC **Jennifer Ng – IEEE MGA pre-university coordinator**
- IEEE R7 **Ferial Al-Hawary, Bruce van Lane**
- Sherbrooke **Witold Kinsner ?**