



Minutes for IEEE Canada – TISP Committee Meeting

Date: Wednesday May 30th, 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 April 11th telecom call

Two items were clarified prior to its final distribution.

4. Success of 2nd Issue of TISP Canada's Newsletter (Courier # 2) (Dirk,...)

The newsletters were very well received during the TISP Symposium in Tampa and at the R7 annual meeting. It was pointed out that the newsletters were well done, informative and everyone was pleased with the progress made. Keep going with the good work!

5. Reporting from TISP 2012 Symposium (all participants)

There were 7 out of 46 participants from our region (R7), the largest representation from all regions. Perhaps only R8 (India) was close with their 6 participants. The past IEEE president Dr. Moshe Kam attended; he mentioned that the budget is critical and that many foundations support TISP global. Discussions took place on improving the lessons plans on tryengineering.org. There were teachers at the symposium; they were pleased to work with IEEE. It was pointed out that the curriculum is different in the provinces/states. For an example of how the lesson plans can be aligned to local education standards, see http://www.ieee-houston.org/TISP/TEA_Matrix.htm (note that this link is available from <http://tryengineering.org/lesson.php>). There were interesting panel discussions such as education panel and regions panel and various presentations. A team led by Patrick will prepare a summary report on the symposium for the next issue of Newsletter "Courier #3.)



Patrick will collect the information from the symposium in Tampa. It is expected Jennifer, Anis and others attended the symposium should email their notes and selected photos to Patrick pjfinnigan@gmail.com.

6. Plans for Curriculum change?

The curriculum is different in the provinces in Canada. TISP champions should plan to review and align lesson plans to local standards as it was done in Texas, see 5.

7. Plans for Vancouver & Seattle Workshop 2013

It was suggested by Zahra that the workshop be mid May 2013. Anader suggested as many as 20 teachers and 3-4 people from Seattle section to attend. Invitations will be sent to TISP involved people in Vancouver, Victoria, entire BC and AB. Team should be built to organize the event.

8. Status on the TISP Canada Website

We need to connect with IEEE Canada webmaster to have the TISP website into their format and the pages there. TISP Canada will continue to exist; there will be new pages on IEEE Canada website. The IEEE Canada Webmaster, Mona Mojdeh will be asked to help with this transition.

9. Organizing next Section based TISP Workshop(s) (Witold & Samir)

- *Anader* reported that there will be workshops with teachers associations in Montreal and in Winnipeg. Samir and Witold will update us on the progress. We encourage the same initiative from other sections as well.
- *Murray & Dave* will be editors working with Dirk for the newsletters; there will be one by September or by beginning of October and another in mid-December.

10. Review of all Sections TISP activities:

Newfoundland

No report provided.

Canadian Atlantic

No report provided.

New Brunswick

No report provided.



Montreal

Geoffrey Alleyne emailed a report with photos on the John Scholefield Science and Technology day. The event was held on May 23-24, 2012 at its usual location, Cooper Aviation, St. Lazare, Quebec. This year was very special since it was the tenth anniversary. A total of 35 partners, drawn from companies, organizations, schools, universities, etc. participated in the event. A coverage of this event will be in Courier # 3.

Ottawa

Janet Davis reported: "We are at the planning stages for our TISP event in July. We will be hosting a TISP workshop for 30 teachers from across Canada at the Museum of Science and Tech as part of their Teacher's Institute program."

Toronto

Dennis Cecic reported: "I participated as a Judge for the 6th annual Dufferin-Peel/Peel Regional Robotics Competition on May 18th at St. Joseph Secondary School. There were several teams using PIC24-based line-following robots from schools/teachers that participated in the TISP Robotics workshops I ran this year. The workshops are posted at <http://toronto.ieee.ca/tisp>."

Hamilton

No report provided.

Kitchener/Waterloo

No report provided.

London Ontario

Murray MacDonald reported that on June 4, 2012 will go with Trevor to local school. He also emailed:

- As stated last month, I finally submitted a draft article for the newsletter on our March Engineering Month activities at the London Children's Museum.
- Monday two of us are going to be at A.B. Lucas H.S. as mentors for their roller coaster design project. There will be a final competition in late June.

Saskatchewan

Daniel Neilson reported: Nothing to report from North Saskatchewan.



Calgary

No report provided.

Edmonton/Northern Canada

Rossitza Marinova and Mooney Sherman reported:

- 1) IEEE NCS sponsored again the Edmonton Regional Science Fair through the IEEE Award of Excellence. The ERSF was held on April 14th and 15th.
- 2) Andre Dorodo - Education activities chair has been working with boy scouts at his church on the concepts of aerodynamics and the boys are designing and building a small working model. Boys will then compete and discuss the various designs. Each team will document it in the format of tryengineering lesson plans. IEEE NCS invited Scouts Group (160th LDS Castle Downs Ward) for some expositions targeting promotion of Engineering to pre-university students. Two of the boys made their presentation on the project at the April 19th NCS excom.

Vancouver

Zahra Ahmadian reported that they will meet in August to build a team for preparing the 2013 Workshop. Vancouver did not have any activities.

Victoria

No report provided.

Winnipeg

Witold Kisner will send the TISP Winnipeg Section summary shortly.

Peterborough

No report provided.

Kingston

Umar Uqbal reported and submitted photos: "TISP, IEEE Kingston Section is continuously having the series of lectures at the Robotic Club of R.G. Sinclair Public School. Few photos show after school session activities."

Quebec

No report provided.

St. Maurice

No report provided.



Sherbrooke

No report provided.

11. Action items? All.

12. Time for the next meeting?

Wednesday July 18, 2012, 8:00 PM

13. Varia

The Math Kangaroo Contest workshop will be in Banff, August 3-5, 2012:

<http://www.birs.ca/events/2012/2-day-workshops/12w2184/press>. Please contact

Rossitza Marinova at rossitza.marinova@concordia.ab.ca if you are interested. Math teachers and educators from Alberta and British Columbia will be invited.

14. Adjournment: 9:10pm



IEEE Canada – TISP Committee Members 2012:

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

Sections

Section Champion(s) / Guests

- Newfoundland : **Brian Kidney**
- Canadian Atlantic : **Dirk Werle**
- New Brunswick: **Brian Scott / Esam Ghanem**
- 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 / Maike Luikken**
- 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 / 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**
- Sherbrooke **Witold Kinsner?**
- IEEE EAB PECC **Jennifer Ng – IEEE MGA pre-university coordinator**
- IEEE R7 **Ferial Al-Hawary, Bruce Van-Lane**