

▫ Minutes for IEEE Canada – TISP Committee Meeting

Date: Wednesday May 15th, 2013

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**

Accepted.

3. **Review of Minutes from April 3rd telecom call**

Approved.

Dirk brought up concerns that lots of section reports were not sent. Anader mentioned that he was not pleased with this; few sections are slow or with no reports. He spoke with sections chairs on how to promote TISP in Canada. Patrick suggested that champions should be asked to say that they had nothing to report. It was proposed **TISP Canada active champions plan to visit some of inactive sections Board meetings**. In general, TISP is a very active committee with IEEE Canada but there is still shortage of active volunteers.

4. **Report on Vancouver & Seattle Workshop 2013**

Patrick reported there were 42 participants, including many new participants from Ottawa, Edmonton, and Vancouver. There were people from different places from Vancouver area which were willing to get actively involved. There was high enthusiasm during the action planning. The lesson plans run by Patrick and Anis were a real success. Grade 11 students and their teacher Todd Ablett (VEX robotics World Championship 2013) presented an impressive demo on robotic machine. Keith Brown, IEEE Canada Chair and Kouros Goodarzi, IEEE Western Area Chair and of course Alon Newton, Vancouver Section Chair attended the TISP workshop. Panel discussions with Zahra Ahmadian, as moderator and lessons plans were very well executed. Furthermore, Steve McCain was instrumental in all of Workshop preparation (not to forget Zahra's impressive reach-out for the invitees) and local arrangement. It was really a successful gathering. Anader thanked Patrick, Anis, Steve and Zahra, and Dave for their solid contributions made to this success. Yvonne Pelham and Lize were very pleased with the outcome.

There are videos and photos that will be posted on the website. There was a complete coverage. More detailed coverage of this event will appear in the next Newsletter (Couriers #6 and #7). Stay tuned.

5. **Status on 6th issue of TISP Canada's Newsletter (Courier #6)**

Dirk: half covered; will include information and pictures from the workshop.

6. Progress on Website(s) + Distribution links.

The Website is clean looking, it is great, and there are still improvements to be done. Documents will be moved there.

7. Any Issues with STAO 2013 Conference in Ontario and other Sections

Dave: There will be one presentation only, for one hour and one lesson plan. Patrick and Dave should ask for a good time slot and for a larger room.

David Hepburn reported in an email message: We do have an anecdote if you want it. Patrick and I had applied some time ago to give a presentation at this year's Science Teachers of Ontario (STAO) conference next November (our eighth appearance!) This event lasts 3 days, Thursday, Friday and Saturday. Last week we were notified that our allocated time slot would be after lunch on Saturday. I objected that this was not the best time slot- people would be tired and wanting to leave. But STAO came back and said that because our presentations were well attended, they wanted us at that time in order to keep the conference going. So Pat and I fell for it and agreed.

8. Plans for National Engineering Month/Day with TISP Canada.

Winnipeg will do. There was a discussion that university and high school students can be involved. The latter need to do some community service and could be involved in engineering projects for TISP.

9. Review of TISP activities of all sections:

- Sections reporting and plans for the rest of the year activities

Newfoundland

No report provided.

Canadian Atlantic

Dirk reported that during the last month, not too much to report from the Atlantic Section, other than the fact that the TSP Canada Courier Issue #6 is close to completion.

New Brunswick

No report provided.

Montreal

No report provided.

Ottawa

Janet reported that **Wolf Lunscher** attended the TISP training workshop in Vancouver 2013. He will take over the TISP activities and Chair for Ottawa Section next year. This year, she is working on training him to take over and get connected with her contacts to continue or TISP activities. They are in planning phase for the SIET workshop to be held in July at the Museum of Science and Tech. Plan is to have **40 elementary teachers** from across Canada attend. They always appreciate the IEEE presence at these sessions and IEEE gets the word out to new teachers every year. This year they have requested IEEE to run the Gumball machine lesson plan, so it should be lots of fun.

Toronto

No report provided.

Hamilton

David Hepburn: "This just in from our local week-end paper. The young lady to whom I awarded a prize for "A Fine Understanding of Hydro Electric Power Generation" is Jessica Pardoe, age 10, first student on the left in the photo."



Kitchener/Waterloo

No report provided.

London Ontario

Report from *Murray MacDonald*:

- 1) Work continues with an Althouse College of Education (at UWO) professor to provide a presentation to the Pre-Service Program (teachers-in-training) in November - based on Dave's transformer activity.
- 2) Planning has started for a repeat of a joint project with PEO (Professional Engineers of Ontario) which this time will use a dam building lesson plan from tryengineering.org. This will run in the fall at 5 schools.
- 3) I am working on new project that has just come up. On May 24, we are participating in a SPARK conference with Thames Valley District Board. This has about 100 students in gifted and enhanced programs from several secondary schools. The focus is on Engineering with a presentation "Take a Look at Engineering" by the PEO (with some IEEE input). Then there will be 2 activities, each for half the participants. These will swap and repeat after lunch. The two activities will be on irrigation (by PEO volunteer) and transformers (by IEEE - me). TVDSB did a slick promotion video that I sent to Anader, it is a 12MB mp2 file if any one wishes to see it.

Saskatchewan

No report provided.

Calgary

Anis Haque: Southern Alberta Section had one program this May with 42 grade four students. The students have done a hands-on activity on how to generate electricity. It was well accepted by the students and teachers.

Edmonton/Northern Canada

There were TISP demonstrations in Annunciation School in Edmonton with grades 5 and 6, approximately 90 students were involved.

Vancouver

Zahra emailed on June 19: "I know that WIE Vancouver had a tour of the Triumph facility for high school students in May. Tanaya should be able to send you its details. I cannot attend the teleconference and I regret that I can't follow with TISP activities at this time due to commitments related to my research, family and IEEE Canada WIE committee."

Victoria

No report provided.

Winnipeg

Witold Kinsner reported:

Here is a report of our outreach activities in Winnipeg (all involving teachers):

- April 26, 2013 - Marsville Judging
- Judged a grade 6 event to design habitats for Mars.

- May 1, 2013 - Grade 6 English-Ukrainian Bilingual Program
- Hosted 60 grade 6 students for a presentation and workshop on the parts of a satellite.

- May 1, 2013 - Sisler High School
- Presentation and hands-on electronics workshop for 14 grade 9 students.

- May 2, 2013 - Windsor Park Collegiate
- Presentation and hands-on electronics workshop for 16 grade 9 students.

- May 10, 2013 - John Taylor Collegiate
- Presentation and hands-on electronics workshop for 25 grade 9 students.

- May 10, 2013 - MBCI
- Presentation and hands-on electronics workshop for 29 grade 9 students.

- May 10, 2013 - Westwood Collegiate
- Presentation and hands-on electronics workshop for 20 grade 9 students.

- May 14, 2013 - Murdoch Mackay
- Presentation and hands-on electronics workshop.

- May 24, 2013 - Kildonan-East Collegiate
- Presentation and hands-on electronics workshop for 30 grade 9 students.

- May 28, 2013 - Oak Park High School (French Immersion class)

- Presentation and hands-on electronics workshop for 29 grade 9 students.
- June 4, 2013 - Portage Collegiate Institute (Portage, MB)
- Presentation and hands-on electronics workshop for 54 grade 9 students.
- June 4, 2013 - St. Pierre School
- Presentation and hands-on Arduino programming workshop with 18 grade 7 & 8 students.
- June 10, 2013 - Lorette School (Lorette, MB)
- Presentation and hands-on electronics workshop for 50 grade 9 students.

Peterborough

No report provided.

Kingston

No report provided.

Quebec

No report provided.

St. Maurice

No report provided.

Sherbrooke

No report provided.

Seattle

Alon Newton emailed on June 16th: "Nadia and I presented the TISP program to the Seattle Section as requested. Please find the minutes to report on it. Nadia already volunteered to help in Redmond/Bellevue area."

- Plans for the rest of the year activities - School Boards Liaisons
Nothing to report at this time.

10. Action items – No AI

11. Time for the next meeting?

Wednesday June 19th, 2013, 8:00 PM.

12. Varia

Anis Haque emailed that Dr. Kartikeya Murari, Assistant Professor, Electrical and Computer Engineering Department has accepted the TISP Chair position at the Southern Alberta Section (Calgary). I have been doing this since 2009 and did various activities with the help of student volunteers in this section. I am stepping down from the Chair position but not leaving TISP as I LOVE it. I'll be closely working with Kartik to help him run the activities.

Kartik would like to join our next meeting on Wednesday. Anader, could you please include Kartik (kmurari@ucalgary.ca) in the mailing list. Kartik has passion for what we do at TISP and he is truly

committed. I hope his new leadership will enhance our section's activities. Please join me to welcome Kartik in the team.

13. Adjournment: 9:15pm

IEEE Canada – TISP Committee Members 2013:

Chair, Anader Benyamin-Seeyar,

TISP Secretaries, Rossitza Marinova & **Mooney Sherman**

Newsletter Editors, Dirk Werle, Patrick Finnigan, Dave Hepburn, Murray MacDonald

School Boards Liaison, Patrick Finnigan & David Hepburn

Treasurer, **Kaveh Moezzi**

Webmaster: **Davy Zou**

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

Sections

Section Champion(s) / Guests

- Newfoundland : **Brian Kidney**
- Canadian Atlantic : Dirk Werle
- New Brunswick: **Brian Scott / Esam Ghanem**
- Quebec **Hoang Lehuy / André Morin**
- St. Maurice **Adel-Omar Dahmane**
- Montreal : **Samir Kharaf / Manijeh Khataie**
- Ottawa : **Janet Davis / Wolf Lunscher**
- Toronto : **Patrick Finnigan & Dennis Cecic**
- Hamilton : Dave Hepburn
- Kitchener/Waterloo : **Amir Khatibzaden**
- London Ontario : **Murray MacDonald / Maike Luikken**
- Peterborough **Sean Dunne / Luc Matheau**
- Kingston **Basel Nabulsi, Shahram Yousefi**
- Winnipeg **Witold Kinsner & Dario Schor / Shaahin Filizadeh**
- Saskatchewan : **Wahid Khan / Craig**
- Calgary : **Anis Haque**
- Edmonton/Northern Canada : **Rossitza S Marinova / Mooney Sherman**
- Vancouver : **Steven McClain, Zahra Ahmadian, Emily Landry**
- Victoria **Amirali Baniyasi / Kelly / Alexandra**
- IEEE R7 **Bruce Van-Lane**