



## Minutes for IEEE Canada – TISP Committee Meeting

**Date: Wednesday April 03<sup>rd</sup>, 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**

Adopted as it is distributed.

### **3. Review of Minutes from February 27<sup>th</sup> telecom call**

Approved.

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

Several conference calls of the organizing committee team took place. There is no one from Vancouver present today. Anader reported that the flyer is ready, the hotel – selected, and the registration will start during the weekend. Main participants from Vancouver, Ontario and Seattle. Patrick – only be able to participate by reading minutes. They had difficulty getting in touch with the Dept of Education and teachers in Vancouver. Creativity is needed as time is short. Someone to take pictures and good coverage of this event is needed. Sally Meadows will attend as a moderator of a panel discussion. The deadline for registration will be April 26<sup>th</sup>.

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

Dirk is working on Courier#6. He might join the workshop. Dirk will be first to prepare the teacher's corner. Pictures and minutes from the workshop will be included in the newsletter. Bruce will help as needed. The deadline is the third week of May.

### **6. Status on Website(s) + Distribution links.**

**Davy:** The Website is designed. WordPress is used. The new site is clean and looks great but we need to integrate the mission, links etc. from our current site. Davy to send an email for feedback from people. At the moment we are not linked to the IEEE site as we are putting together a new website. A map of Canada with all sections should be added to the website. We have to exchange emails with content.

### **7. Report STAO 2013 Conference in Ontario and other Sections**

The conference is November 14, 15, 16. TISP Canada will be presented there. There will be a group from Toronto. Short 35 dollars from Kingston but it should be resolved by tomorrow.

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

A program is happening in Nova Scotia at university and at schools. The idea is to make it national, to make TISP part of community.



## 9. Participation at IEEE EAB-PECC

Anader is a Committee member of IEEE EAB-PECC and he will participate at the annual gathering in New Brunswick on April 05<sup>th</sup>. He will make presentation on TISP Canada agendas and its progress.

TISP Canada financial status is crucial and part of a bigger picture; TISP is funded by IEEE Canada and section contributions. Universities should be also involved as it impacts them too. It should be joint affair with the universities and TISP. For example, Dalhousie supported TISP. Project ideas that go beyond tryengineering.org, more sophisticated projects should be created. Workshops like the one in Vancouver should identify common projects. Someone from National Engineering Month (NEM) of Nova Scotia could be approached for better understanding of the situation.

## 10. Review of TISP activities of all sections:

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

### Newfoundland

No report provided.

### Canadian Atlantic

No report provided.

### New Brunswick

No report provided.

### Montreal

No report provided.

### Ottawa

Janet Davis reported in an email message from April 15, 2013: We have been invited to participate in SIET 2013 this summer, in July. This is our annual TISP event. We introduce the IEEE and the lesson plans to approx. 30 elementary teachers from across Canada.

### Toronto

Dennis Cecic will be a judging referee on the Robotic Competition of Ontario event in the Spring time. No additional report provided.

### Hamilton

David Hepburn in email from April 18, 2013:

"On March 28, Hamilton Section attended the "Bay Area Science and Engineering Fair". The "Bay Area" covers Hamilton Bay and Burlington etc. There were over 300 projects to be examined. Hamilton Section awarded a prize for the project in the electronics and robotics field.

On April 6, Hamilton Section attended the "Niagara Region Science and Engineering Fair". Over 200 projects were on show. Two prizes of \$50.00 each were awarded, for "Best Understanding of Electricity and Magnetism" and "Hydro Electric Power Generation".

**See attachment** for the David's report on Science Engineering Fair that took place on March 28, Blair McCuish of the Hamilton Section attended the "Bay Area Science and Engineering Fair" or BASEF.



### Kitchener/Waterloo

No report provided.

### London Ontario

A short update for the minutes from Murray MacDonald:

- 1) Provided two activities at the London Children's Museum on November 23 in conjunction with their programming for National Engineering Month. The two, "Ship the Chip" and "Rubber Band Racers", were based on lesson plans from Tryengineering.org. Each activity had about 30 attendees. A report is forthcoming - possibly for the newsletter.
- 2) Work started with Althouse College of Education (at UWO) professor to provide a presentation to the Pre-Service Program (teachers-in-training) in November.
- 3) A report will also be coming on a successful joint project with PEO (Professional Engineers of Ontario) which used the irrigation lesson plan from tryengineering .org. Planning has started for a repeat next week.

### Saskatchewan

No report provided.

### Calgary

No activities to report.

### Edmonton/Northern Canada

Engineering week/TISP activity at Concordia University College of Alberta with Math Kangaroo clubs. We had nine volunteers, 4 sessions and 150 children involved. We did Biometrics, Wind Energy and Rubber Band Racing Car. This was a real successful event for TISP's engagement directly with students.

### Vancouver

In preparation for the upcoming workshop.

### Victoria

No report provided.

### Winnipeg

List of TISP-related activities in Manitoba, covering February 2 to April 6, 2013 emailed from Witold Kinsner:

February 2, 2013 (Saturday, 10:30 AM to 12:30 PM; Room E2-350, EITC)

Radio Course for Basic Qualifications, Session 1: Orientation. Course Instructor: Witold Kinsner, VE4WK. We had 66 course registrants (graduate and undergraduate students, high-school students, teachers, industry engineers).

February 9, 2013 (Saturday, 10:30 AM to 12:15 PM; Room E2-350, EITC)

Radio Course for Basic Qualifications, Session 2: Rules and Regulations. Course Instructor: Witold Kinsner, VE4WK.

February 9, 2013 (Saturday, 12:30 PM to 2:30 PM; Room E2-350, EITC)



Radio Course for Basic Qualifications, Session 3: Operating Procedures. Course Instructor: Witold Kinsner, VE4WK.

February 22-23, 2013 – U of M Info Days.

- UMSATS volunteers lead tours for over 200 high school students in grades 10-12. The tours visited various laboratories in the Faculty of Engineering and competition teams work areas.

February 26, 2013 - IB Great Escape

- UMSATS students held three successful workshops with a total of 34 IB students from Kelvin High School, Louis Riel School, Miles Macdonell, Sturgeon Heights, Westwood Collegiate, and Neelin High School where they built and tested a small Sun sensor for a spacecraft.

March 2, 2013 (Saturday, 10:30 AM to 12:30 PM; Room E2-350, EITC)

Radio Course for Basic Qualifications, Session 4: Electricity and Electric Circuits. Course Instructor: Witold Kinsner, VE4WK.

March 7, 2013 - STK Workshop

- UMSATS 2nd Lead, Mr. Greg Linton, delivered a workshop on orbital mechanics using STK for 7 students at the University of Manitoba.

March 9, 2013 (10:30 AM to 12:30 PM; Room E2-350, EITC)

Radio Course for Basic Qualifications, Session 5: Antenna Systems. Course Instructor: Witold Kinsner, VE4WK.

March 16, 2013 (10:30 AM to 12:30 PM; Room E2-350, EITC)

Radio Course for Basic Qualifications, Session 6: Antenna Systems. Course Instructor: Witold Kinsner, VE4WK.

March 19, 2013 - CME Hovercraft Competition

- UMSATS Past Lead Dario Schor served as a judged for the Discovery Program hovercraft competition finals. In the competition, 12 high school teams competed for scholarships for post-secondary education by designing a hovercraft, testing it on a track, and presenting a business report.

March 23, 2013 (10:30 to 12:15 PM; Room E2-350, EITC)

Radio Course for Basic Qualifications, Session 7: Modulation. Course Instructor: Witold Kinsner, VE4WK.

March 25, 2013 - Pick Your Poison

- UMSATS members answered questions on the differences between engineering departments for 1st year students.

April 6, 2013 (10:30 to 12:15 PM; Room E2-350, EITC)



Radio Course for Basic Qualifications, Session 8: Transceivers, Station and Safety. Course  
Instructor: Witold Kinsner, VE4WK.

Peterborough

No report provided.

Kingston

No report provided.

Quebec

No report provided.

St. Maurice

No report provided.

Sherbrooke

No report provided.

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

**11. Action items**

Email Anader with suggestions.

Davy to email the link for the test website.

**12. Time for the next meeting?**

Wednesday **May 15<sup>rd</sup>**, 2013, 8:00 PM.

**13. Varia**

Alireza Safaee will not be able to help as a TISP volunteer because of job transfer, as per email message received on May 1, 2013.

**14. Adjournment:** 9:17pm



**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**

- Newfoundland :
- Canadian Atlantic :
- New Brunswick:
- Montreal :
- Ottawa :
- Toronto :
- Hamilton :
- Kitchener/Waterloo :
- London Ontario :
- Saskatchewan :
- Calgary :
- Edmonton/Northern Canada :
- Vancouver :
- Victoria
- Winnipeg
- Peterborough
- Kingston
- Quebec
- St. Maurice
- IEEE R7

**Section Champion(s) / Guests**

**Brian Kidney**  
 Dirk Werle  
**Esam Ghanem**  
**Samir Kharaf / Manijeh Khataie**  
**Janet Davis**  
 Patrick Finnigan & Dennis Cecic  
 Dave Hepburn  
**Amir Khatibzadeh**  
 Murray MacDonald  
**Wahid Khan / Craig**  
 Anis Haque  
 Rossitza S Marinova / Mooney Sherman / **M. Hassan**  
**Steven McClain, Zahra Ahmadian, Fernando Arroyo**  
**Kelly / Alexandra**  
**Witold Kinsner & Dario Schor / Shaahin Filizadeh**  
**Sean Dunne**  
**Shahram Yousefi**  
**Hoang Lehuy / André Morin**  
**Adel-Omar Dahmane**  
 Bruce van Lane