



Agenda for IEEE Canada – TISP Committee Meeting

Date: Wednesday September 14th, 2011

Time: 8:00- 9:15 PM

Teleconference call #:

1-866-512-0904

access code: 8514573#

1. Roll Call of Participants

See annotated list at end of report.

2. Adoption of Agenda

Adopted as circulated

3. Review of Minutes from our last telecom call ?

Approved

4. How to homologate our lesson plans to suit all 15 Canadian Educational jurisdictions?

- Dave indicated there are now 96 lesson plans on tryengineering.org
- We will form a sub-committee of 5 to report plan for next meeting
 - 3 teachers: Nancy Battet, Rick Pardo, Sean Hanna (Dave to ask), perhaps Milan Sanader from STAO (Pat to ask), Janet's associates from Ottawa (Janet to ask)?
 - 2 Engineers – Pat Finnigan and Dave Hepburn

5. LinkedIn Group meetings for IEEE Canada TISP Group – build on TISP Montreal group

- Anader to remind Younnis to set this up.

6. Status of Science Teacher's Association of Ontario (STAO2011) plans?

- Banner will be ready by Sept. 15
- "Working with Wind Energy" workshop accepted by conference
 - Pat will assemble 10 more kits (6 saved from workshop)
 - 8 Page colour booklet (200 copies) based on 25-year history booklet have been printed
 - Cathy Lowell will attend the booth for 1 day
 - Dave, Pat, Murray to find more volunteers
 - All sections are welcome to attend
 - Need to put funding in place for STAO 2012 starting in January

7. Newsletter Editors

- Inviting Bruce Van Lane, publisher of "IEEE Canadian Review" magazine to join to discuss further/future opportunities to publicize TISP Canada?
- Plan for writing an article to summarize activities at the forthcoming STAO conference in November. Bruce can help us on how to prepare promotional material about the IEEE and TISP programs hand outs at STAO
- Decide on newsletter editors team
 - All sections will nominate an editor
 - Overall editors: Pat Finnigan and Dick Werle
 - Frequency: 4 times a year
 - First issue: end of November 2011.
 - STAO Conference report (Bruce)
 - Ottawa activities – i.e. at Technology Center with Pictures (Janet)
 - Robotics workshop report (Dennis)
 - Others... (i.e. any section activities and photos)
- Continue to use IEEE Canada e-Notice service

8. Review of all Sections TISP activities:

- Section activities
- Plans on teaming with school boards and promotional activities

- Plans for the rest of the year activities.
 - Anader is requesting budget of \$5K for 2012

Calgary

- No Report

Montreal

- No Report

Winnipeg

- Witold reported:

I was involved in solving an unexpected problem in our T-Sat (triple pico-satellite) project. Much is being done in Manitoba, as it relates to TISP. We have completed the 2011 Space Camp, and have done much in outreach for high schools. We had several workshops. We are also preparing a Teaching Teachers workshop. I will talk to Bruce about it.

The prime reason for this email is to invite you to the Technical Program Committee at the Canadian Engineering Education Association Third Annual Conference, CEEA 2012, to take place at the University of Manitoba in Winnipeg, June 17-20, 2012. I am the chair of the Program Committee. This year's conference was in St. John's, NL, with around 150 attendees. As a member of the committee, I would ask you to review a few abstracts in January 2012. Of course, you could submit a paper too.

If you would find the time to accept this invitation, TISP would have a presence in this important event next year.

- Bruce Reported

Attached is the program for The Science Teachers' Association of Manitoba annual conference, October 21 in Winnipeg. Witold is likely already plugged into this, and if so, perhaps it can be added to the list of potential events to be reported on.

Also attached is the latest available issue of the organization's newsletter from its web site, dated May 2009.

<http://www.stam.mb.ca/>

My team and I look forward to working with Patrick and the other newsletter editors in developing this groundbreaking initiative for TISP Canada.

Canadian Atlantic

- Dirk reported that his team of 5 has assembled 15 packages for the "Robot Arm" lesson. This will be presented in a ½ day portion of a 3-4 day teacher's workshop. Also they plan a TISP day in the Fall at junior high schools

Ottawa

- Janet reported
 - The Ottawa TISP team participated in a Science & Technology day with 100 students (Grade 8) and teachers at the Science Museum in Ottawa
 - The team plans to participate in National Science & Technology week in October with a Display/Booth.

Edmonton/Northern Canada

- Mooney and Rossitza reported:
 - *Edmonton Catholic Community Partnership Evening* on October 12, 2011

Edmonton Catholic Schools invited us to their "Community Partnership Night" where we can host our own station displaying and promoting our programs and how teachers can participate with their students.
 - AUDIENCE: Teachers/Administrators Grades 1- 12
 - DESCRIPTION: 21st Century learning broadens the students' scope of potential learning resources outside the classroom and encourages interaction with adults whose experience and expertise can add to their growing body of knowledge. Community partnerships are key in sharing resources and expertise from the authentic and real work that those working in the disciplines might actually undertake. During this Community Partnerships Fair, we hope to bridge connections between the teachers/schools and the broader community.
 - *The All Boys S-T-E-M (Science Technology Engineering/Environment and Mathematics) Conference* on November 19, 2011
 - AUDIENCE: Elementary students in grades 4-6

- DESCRIPTION: The All Boys S-T-E-M Conference" (STEM, standing for Science Technology Engineering/Environment and Mathematics) is one-day camp at St. James elementary school. There will be scientists and mathematicians to run mini-lessons for students throughout the day. Students would sign up for sessions of their choice - it will be an exciting day for BOYS!

We need a sample brochure on TISP to modify for the Community Partnership Night. It would also be nice if we can have some promotional items for the teachers coming to our station.

Hamilton

- Dave has prepared a condensed spreadsheet of lesson plans from tryengineering.org (attached).
- Dave will contact Sean Hanna re: homologation of lesson plans
- Dave has arranged for the STAO 2011 Banner and colour printed handout

Saskatchewan

- No Report.

Vancouver

- Amir will send an activity update via email to Anader (not received yet!)

Victoria

- No Report

London

- Murray reported:
 - He will attend the "go-eng" event sponsored by PEO.
 - Intent is revive point contacts with active teachers

Peterborough

- No Report

9. Time for the next meeting?

October 26th, 8:00 PM (Wednesday)

10. Varia

11. Adjournment.

9:15 PM



IEEE Canada – TISP Committee Members 2011:

Chair, Anader Benyamin-Seeyar, Attending this meeting
 Secretary, Patrick Finnigan,
 Treasurer, **Kaveh Moezzi**,

Sections

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

Section Champion(s) / Guests

Amy Hsiao / Paul King / Brian Kidney

Dirk Werle

**Hamadou Saliah-Hassane /Geoffrey Alleyne /
 Youness Farah /Samir Kharaf /Ildiko /Nancy Battet**

Janet Davis

Patrick Finnigan / **Dennis Cecic**

Dave Hepburn

Hamid /Amir Khatibzadeh

Murray MacDonald / **Maike**

Wahid Khan /Craig

Anis Haque/....

Rossitza S Marinova / Mooney Sherman /**Musa Hassan**

Nina Selak /Ljiljana Trajkovic / Zahra

Amirali Baniyasi /**Kelly /Alexandra**

Witold Kinsner / Shaahin Filizadeh/ Bruce

Sean Dunne / Luc Matheau

Shahram Yousefi /Omar Eghbal

André Morin

Adel-Omar Dahmane

?

Bruce Van Lane of Communication Matters