



## Minutes for IEEE Canada – TISP Committee Meeting

Date: Wednesday November 27<sup>th</sup>, 2013

Time: 8:00- 9:00 PM

Teleconference call #:

**1-866-512-0904**

**access code: 9935797#**

**1. Roll Call of Participants**

See annotated table attached at the end.

**2. Adoption of Agenda**

Adopted with modification of Dirk putting out an appeal for contribution for next Courier.

**3. Review of Minutes from October 30<sup>th</sup> telecom call**

Anader was concerned that many sections do not report. Dirk asked for a minor change: Status of the newsletter #7 – the newsletter to be made searchable to be promoted.

Minutes adopted with the requested change.

**4. Website(s) + Distribution links**

To make our website to be easily reachable and visible;

Distribution of the newsletter for STAO: Anader asked if Dave had enough copies. Dave reported that they could not give them all out. They had 6-8 different documents. Some copies remained. Witold asked for some copies to be sent to Winnipeg.

How to reach wider audience? Dirk said they asked for having ways for distribution to teachers.

Personal contacts works best to reach teachers.

Anis suggested opening a group on a social media.

Dirk will send information for further action.

**5. Report STAO 2013 Conference in Ontario and other Sections**

Dave reported the conference was good, well attended. 185 presentations and 70 booths; 250 visits at the booth; our presentations were set for 12:30 on Saturday. The organizers had door prizes at 12:00 noon and after that everyone took off for lunch. Our time slot was not good. The organizer has been notified. Next year we should request a better time slot for our lessons presentation. Saturday is not the best day because people are leaving. Early session on Saturday would be fine but lunch time is not good but Thursday or Friday may be better. Flyers 6-8 items.

Have lot of brochures/newsletter left over. More interest in lesson plans. For the first time, there were a number of teachers who said in effect. "Oh we use your lesson plans a lot, and so do the other teachers."

Perhaps link to TISP and newsletter can be distributed via Department of Education in each province. Another suggestion is to link ourselves with social media.

Anader said that STAO is big achievement for TISP.

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

How to be connected to teacher's conference for gathering

**7. Status on TISP Canada Budget for 2013-2014**

For next year we have \$1000 from 2013 in addition to the approved \$5000. If there is any event that we need more money, there is a challenge. We may justify and ask for additional money.

We haven't heard for TD bank – no news. (**Note:** Anader emailed on Jan 15, 2014 that TD/MBNA Bank was sponsoring one of our proposed TISP Workshops in Manitoba on March 20, 2014 with \$1000.)

We have to be careful with the budget because it is limited but we can find other sources such IEEE Foundation.

**8. TISP Newsletter Contribution (added to the agenda)**

There will be more pictures for the newsletter; Dirk asked for contributions; Dirk asked Anis to write a contribution of his experience for Issue #8; Anader to contribute a page on his experience during his leadership of TISP.

Anader said that it had been a great pleasure working with everyone in TISP; Anader congratulated Witold for being elected for IEEE Canada Chair.

**9. Extending TISP coverage to new areas such as Medical Electronics, Engineering Economics, EPICS ([Engineering Projects in Community Service](#)) and Gender Equity, etc.**

How to bring champions in inactive sections? Anis has some plans.

French language workshop for ...

Saskatchewan, Montreal, Ottawa should be asked why they are not active?

Sherbrook is a part of Montreal section.

**Plans for motivating in-active sections within TISP Canada !**

Anis will work on this in the New Year. Quebec and Saskatchewan.

Workshops (WIE, EPICS, TISP,...) at IEEE HCT Conference in June 01-04, 2014

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

o Sections reporting

Newfoundland

No report provided.

Canadian Atlantic

No report provided.

#### New Brunswick

No report provided.

#### Montreal

Anader informed that there will be Humanitarian Technologies conference in Montreal during June 1-4 and TISP will be involved with 1-day TISP workshop.

#### Ottawa

No report provided.

#### Toronto

Patrick reported in email from 13 January 2014:

He was invited back to the U of T "Classroom Adventures in Mathematics" sessions this spring, starting on January 18:

<http://math.escalator.utoronto.ca/home/programs/caim/201314-program/>

This is quite consistent with Ontario Ministry of Education's push to provide more resources to Math and Science teachers.

The class (of about 25) in the summer were very enthusiastic. They focus on the Math and Computer lessons from tryengineering and trycomputing.

#### Hamilton

STAO 2013 conference, see the report under item 5.

#### Kitchener/Waterloo

No report provided.

#### London Ontario

Report from *Murray MacDonald* from 7 January 2014:

“

A short update on activities in London:

- 1) Student activity (building dams) at 5 elementary schools in conjunction with PEO (with civil engineers) was in process (now completed). Being expanded to another 3 schools in Jan/Feb 2014
- 2) Provided some support at STAO on Nov 16 with Dave and Pat.
- 3) Provided a workshop on Nov 18 on topic of binary numbers to 5 groups of grade 6 enrichment students ~20 in each group.
- 4) Plans in place for a fall SPARK conference (keynote and 4 activities) with Thames Valley DSB Dec 10 at Medway H.S. to ~120 students with some assistance from PEO - involves 4 volunteers (now completed)
- 5) Presentation at Althouse College to science teachers in the Pre-Service Teacher Program is to be scheduled for Jan 22
- 6) Still planning for a video on electrical engineering with VROC (Virtual Researcher On Call) - getting permission for on-site videoing - 2014 now.

”

#### Saskatchewan

No report provided.

#### Calgary

No report provided.

#### Edmonton/Northern Canada

Math Kangaroo clubs at Concordia University College of Alberta in Edmonton attracted over 200 students in grades 1-9 and over 25 university students, high school students, and other professionals from the community, in helping with assisting with instruction and administration of the clubs. Classes run on ten Sundays from Sep 2013 to Feb 2014. IEEE Northern Canada Section is a supporter, see here:

<http://www.mathkangarooedmonton.com/>

Math Kangaroo Edmonton is planning the activities for the contest training day on March 16 and the contest day on March 23 (Edmonton), see more news are on the website: <http://www.mathkangarooedmonton.com/news.html>

#### Vancouver

No report provided.

#### Victoria

No report provided.

#### Winnipeg

**Witold Kinsner** thanked Anader and gave an overview of what is being done in Winnipeg at the meeting:

1. Witold worked with the teachers in Manitoba; they had workshops with teachers;
2. Competitions
3. Satellite
4. Indigenous students
5. Two people will be replacing Shaheen and Witold. Witold will be sending an email with their names.

Witold was asked to write a contribution to the newsletter – it is matter of time and may be could be done later;

Witold was asked if there is a name to help with TISP: David Shore came back from France; Shahim will be replaced by a person who is chair of WIE and GOLD.

Witold also emailed on 7 January 2014:

“

1/ I gave a brief TISP report on 2013 activities at the Annual General Meeting of our Section here in Halifax. Several back issues of the TISP Canada Courier were distributed. TISP was lauded as one of the more active IEEE Canada programs, and the Section is supportive of our work.

2/ I have yet to start with the latest TCC issue; there is a small amount of material but not enough yet to fill an entire issue.

3/ I am engaged with our local group at Engineers Nova Scotia to organize the TISP portion of National Engineering Month 2014. The data and location are set. We have monthly meetings to organize the event.

“

#### Peterborough

No report provided.

#### Kingston

No report provided.

#### Quebec

No report provided.

St. Maurice

No report provided.

Sherbrooke

No report provided.

Seattle

No report provided.

- o Plans for the rest of the year activities - School Boards Liaisons

**Anader:** There is a plan for Humanitarian Technologies conference in Montreal during June 1-4 and TISP will be involved; teachers could be involved.

They plan workshops led by Anader; they expect to have WIE, life members, EPICS, gold, etc.; 1-day workshops; WIE are interested – Zahra, etc; For TISP – will be tied to EPICS

**Bruce:** EPICS certainly seen by IEEE as being a key means to achieve humanitarian mission.

Moshe Kam, Past IEEE President, gave a keynote address entitled "The IEEE Public Imperative and the Rise of EPICS" as part of the IEEE Virtual Education Fair in October:

<http://bit.ly/16XUKwt>

**Anader:** EPICS is growing in Africa, Latin America, Mexico, and USA but not in Canada. TISP – 51 teacher's workshops, 3 of them in Canada; 228 TISP presentations; India is very active; TISP Canada was one of the major items on this presentation; If people can do something for this upcoming workshop next year for half day, they can do; **Anis** noted: To keep everything as is – positions as they are; **Anader:** EPICS, WIE, TISP to join efforts

#### ***Fundraising***

**Mark:** about fundraising – in BC companies cannot give money to school boards; if it came from IEEE – it could be accepted; TISP in BC do not have a head office; Toronto has more companies like Bombardier; Anader said that universities should support these events; science is at the bottom at the least for supporting

**Witold** – the proposal is very valid – support can be achieved, many companies supported TISP in Winnipeg; Rossitza and Mooney could present about Math Kangaroo and TISP

#### **11. Action items**

Dirk will send information for the distribution links for further action;

Dave to investigate of possibilities of keeping next year booth for the STAO conference;

Anis to create a group on a social website for promoting TISP activities;

Anader to ask for the TD contribution;

Fundraising

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

22 January 2014 at 8:00 pm Eastern Time

#### **13. Varia**

#### **14. Adjournment:** 9:15 pm Eastern Time

## 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 : **Kartik Murari / Anis Haque**
- Edmonton/Northern Canada : **Rossitza S Marinova / Mooney Sherman**
- Vancouver : **Steven McClain, Mark Isaak, Zahra Ahmadian, Elroy Switlishoff**
- Victoria **Amirali Baniyasi / Kelly / Alexandra**
- IEEE Canadian Review Liaison **Bruce Van-Lane**