



Meeting # 1 – 2016 – Agenda

Date: January 20, 2015

Time: 8:00pm (Eastern)

Place: Teleconference

Phone number: **1---866---512---0904** Participant passcode: **9935797#**

Dirk Werle; Patrick Finnigan; Mooney Sherman; David Hepburn; Rossitza Marinova; Murray Macdonald; Anis Haque; Bruce Van-Lane; Haridoss Sarma; Geoffrey Alleyne; Wolf Lunscher; Mark Isaak

1. Approval of the agenda of meeting # 1 - 2016
Approved. David Hepburn will report for STAO under item 4.
2. Approval of the minutes of meeting #11 - 2015 held in December, 2015
Approved. Dirk Werle asked for approval. Wolf Lunscher seconded.
3. Chair's report
 - Request for information re ICF grant applications
There is no too much going on but there will be fund from ICF. They want TISP to provide information. The list of successful applications will give sense of what ICF grant supported. Dirk has provided the link here:
http://ieeecanadianfoundation.org/EN/sp_yr.php
 - Update TISP - Canada list
Minor modifications in the list, it is now up to date.
 - Newsletter contributions
Three is the target for this year. No additional contributions. Dirk Werle will work on Newsletter #12.

Bruce Van-Lane was asked to explain his ideas to the group so that we can make a good contribution to the *IEEE Canadian Review* publication (previous issues: <http://canrev.ieee.ca/previous-issues.shtml>).

IEEE Canadian Review:

Bruce Van-Lane: It does have a mandate to report the activities of various committees of IEEE Canada. There are about 20 committees and all do important work. Short term: engineering month coming in March. To encourage those sections that might have begun to plan activities. Bruce will review all documents of TISP and put together all the activities.

Dirk Werle: He and Bruce discussed how best to approach portrayal of TISP issues and activities in the *IEEE Canadian Review* from a TISP-

Canada Committee point of view. We could cover under the regional headings (Eastern, Central, Western, and North). Topics and content to be left to the regional committee members. Asked for suggestions and ideas of this topic.

Dirk Werle opened the floor for a discussion.

Murray Macdonald: Good idea. The North tends to be covered in Northern Alberta.

Dirk Werle: Withold Kinsner is doing North-related activities.

Murray Macdonald: We need volunteer for North and it seems to be difficult to find.

Bruce Van-Lane: Some are more active with students, other with teachers. They can decide. Example: The work with children's museum in London.

Bruce Van-Lane: Spoke about the national engineering month in Canada. The work TISP has done in Quebec. The challenges with Canada North – lack of infrastructure, small population, not many resources.

Suggestions are welcome. All are encourage to come forward with ideas, and even better, plans for actual articles.

- Web site content update

Anis: No updates since the last meeting. The minutes are on the website. Expect recent activities. Reporting should be done through Survey Monkey.

4. Update on lesson plans, student support, project funding

David Hepburn: Lesson planning for binary for very young people. Just before Christmas they received a call from an elementary school. They wanted to put this up. It went well. Tested Binary to two grade 4 (50 students), it went very well. This Saturday Dave and his invitees will clean up the wording of the lesson plan. Dave suggested that Ontario starts adverting IEEE at <http://staoblog.org/>

STAO: They are clearly geared towards commercial enterprises who want to sell their goods and can pay ad rates. We as volunteers and not-for-profit organization, quickly spend our budget and cannot compete with them. So we need to explain what we do.

Take note on the website; and we can later check.

5. Section reports and plans for 2016

Received 3 reports from David Hepburn, Murray Macdonald, Withold Kinsner. Read the reports.

Anis Haque: His group did a program on balance, the same activity they did in Vancouver workshop. They added math, designing. Many reached level 3, others only Level 1 and Level 2. 78 students.

Rossitza Marinova: preparing for Math Kangaroo contest. Need volunteers in BC and Montreal. Mark Isaak and Geoffrey Alleyne volunteered.

Geoffrey Alleyne: Montreal – they planned to work with a school that got closed. They intend to offer engineering courses at the school. They could have a cooperative program with his centre and the school. They want to start outreach program. If the school stays open, they could have this engineering program going.

Murray Macdonald: Physics Teachers' association conference. Seek volunteers. Patrick can come to Waterloo. They will run the national Engineering month in March. IEEE in London is quite involved in judging.

Email: "London report plans for this year:

- 1) A presentation at the Ontario Physics Teacher Association's conference in Kitchener May 12-14 (one day only, helping K-W Section, borrowing banner from Pat)
- 2) Two activities (Ship the Chip, Tall Tower) at London Children's Museum on March 19th with manpower from PEO
- 3) Table at WEFIRST Lego League Qualifying Tournament in late Nov/early Dec - along with judges as in the past
- 4) Exploring repeat of SPARK conference with Thames Valley DSB - nothing firm yet."

Patrick Finnigan: TISP is presenting to 20 teachers on Engineering design. They have a booth there. They will present a lesson to teachers. Photonic Society has kits available broadly.

Haridoss Sarma: Planning meeting in March. To explain the concept of design.

Wolf Lunscher: Gathered last week. EPICS project. Plan to do lesson in middle school. IEEE Photonic Society had children in a program "Introduce girls to photonic." He applied and got response and they will send 4 of the children.

Dirk Werle: Does not have much to report except preparing for the Engineering Month and TISP supported NS High school engineering design competition in March. More to report in April.

Note: *Volunteers are requested to report the section activities online. The link is available on TISP's website http://tisp.ieee.ca/for_volunteers.html*

6. Other business
N/A
7. Next meeting
24 February, 2016 at 8 pm Eastern
8. Adjournment
9:07 pm