

IEEE Winnipeg Section Meeting Minutes – April 21, 2015

University of Manitoba Engineering Information Technology Complex (EITC) – E2 - 361, Winnipeg, Manitoba, Canada, 5:30 PM

Attendance: Puyan Mojabi (PM), Dario Schor (DS), Trevor Brown (TB), Witold Kinsner (WK), Hilmi Turanli (HT), Parth Patel (PP), Nariman Firoozy (NF), Brent Schellenberg (BS), Ian Jeffrey (IJ), Nozhan Bayat (NB), Matt McQuaker (MM), Craig Nemeth (CN), Preet Dhingra (PD), Monty Rayburn (MR)

Regrets: Bill McDermid, Dave Kemp, Ryan Duncan, Steven Howell (SH), John Ermitiano (JE), Eric Karr, Sam Kovnats, Nariman Sepehri

CALLED TO ORDER at 17:30

1. Approval of the agenda (NB/NF) Carried.
2. Approval of the minutes of the March meeting (DS/NF) Carried.
3. Chair Report
 - a. An ICF Report prepared by Dave Kemp will be included in future meetings
 - b. Capstone Thesis awards (UofM)
 - 1st Place: “Design and Implementation of a Bi-Polar Planar Near-Field Antenna Measurement System” by Chen Niu, Brent Schellenberg, Michael Kleiber, Jasper Taylor, and advisor Puyan Mojabi
 - 2nd Place: “Design and Implementation of a Wireless High Voltage Power Line Sensor” by Jordan Bartel, Kara Sailen, Qian (Bill) Song, Thomas Neusitzer, and advisor Greg Bridges
 - 3rd Place: “Design and Implementation of a Multilevel Variable-Frequency Drive” by Kale Ewasiuk, Edwin Iofinu, Curtis Shumski, Matthew Szyda, and advisor Shaahin Filizadeh
 - Ted Glass Award: “design and Implementation of a Wellness Monitoring System via Body Area Networks” by Yang Su, Cassandra Aldaba, Jeff Winkler, Haiyue Wang, Tianqi Liang, and advisor Jun Cai
 - Award certificates and cheques have been delivered
 - c. Section banking update
 - Still need to transfer authorization, but bank has not responded yet
 - SH will try to arrange a meeting for next week
 - d. New newsletter editor: Brent Schellenberg
4. Vice-Chair Report
 - a. Survey on communications for the Section
 - On hold until BS and Troy Denton are involved
 - b. DS will be attending R7 meeting in Montreal
 - Will report on lessons learned
5. Treasurer Report – Not in attendance
 - a. SH is working on transfer of bank authorization
6. Secretary Report

- a. "Month-at-a-glance" eNotice will be set up for the first notice in June
 - b. ICF update from Dave Kemp
 - See attached 1-page report from ICF
 - c. PES Update from John Ermitiano
 - A technical meeting was held on March 24 had 21 attendees
 - A technical meeting was also held on April 21 that had 27 attendees
 - Technical events planned for May and June
 - JE would like clarification on process of requesting funds from the Section
 - PES is asking for \$200.00 for rental fees for future meetings
 - i. PM: Since PES is very active, we would usually give \$200.00 per year, assuming we receive the Section rebate
 - ii. Motion to provide PES with \$200.00 (DS/NF) Carried
 - iii. If the cost is more than \$200.00, the Chapter should submit a formal request
 - JE would like clarification on policy about posting jobs on PES website
 - i. DS will inquire at the IEEE Canada meeting
 - d. RobConIM update from Nariman Sepehri
 - Two upcoming seminars in May
 - The joint Chapter was introduced to a robotics special interest group held at the Industrial Technology Centre
 - e. Red River College update from Rob Duncan
 - Nothing to report
7. President-Elect Update – Not in attendance
8. Chapter and Affinity Group Reports
- a. Communications - Not in attendance
 - b. Computer and Computational Intelligence (IJ)
 - Nothing to report
 - c. EMBS - Not in attendance
 - d. EduManCom - Not in attendance
 - e. PES – Not in attendance
 - See Secretary Report
 - f. Waves (PM)
 - Upcoming seminar on April 24 with Dr. Rashidian presenting
 - PM Arranged for 2 IEEE Distinguished Lecturer (DL) talks
 - i. One lecturer will be coming from Sweden in September to talk about antenna measurements
 - ii. Another lecturer will be coming from Finland around October
 - g. RobConIM – Not in attendance
 - See Secretary Report
 - h. GRSS-AES (NF)
 - Named Alegra
 - i. This has not been finalized
 - A Chapter website will soon be operational
 - NF has been in touch with DLs
 - i. A DL from Italy has agreed to come to Winnipeg in 2015, no exact date has been set

- ii. NF would like to know if they Section would financially support a talk from someone who isn't a DL
 - a. PM: Unlikely that we support flight and accommodation, unless multiple chapters are involved
 - b. NF can apply for "special project funding" from each society for \$500 each. Also the joint chapter will get \$500 (operating fund) for each chapter upon submitting the required paperwork
 - i. YP (MM)
 - Matt McQuaker is the new Chair
 - Troy is now the Vice-Chair
 - The winners of the YP Capstone Award will give a presentation in the summer
 - Tentative upcoming events
 - i. Summer BBQ
 - ii. May 4 – Building your empire event (financial planning for YPs)
 - iii. July – Microcontroller workshop
 - iv. MSP430 workshop in the fall
 - v. Networking event in late September, planning to work with RRC
 - vi. APEGM "Becoming an Engineer" event
 - j. Life Members - Not in attendance
 - k. WIE - Not in attendance
 - l. TISP – Not in attendance
 - A workshop for teachers was held on April 10
 - m. Newsletter (BS)
 - Aiming for a first issue in May covering the Capstone awards and Chapter summaries
9. Reports from student branch chairs
 - a. University of Manitoba (CN)
 - Assembling year end report for IEEE Canada
 - Will be holding elections for new executives
 - b. Lakehead University – Not in attendance
 - PM contacted Lakehead and Assiniboine, no response yet
 - c. Assiniboine College – Not in attendance
 - d. Red River College – Not in attendance
 - See Secretary Report
10. New business
 - a. Capstone award documentation
 - No documentation in previous years
 - DS is trying to standardize the process
 - Sam Kovnats and Dawn Nedohin-Macek reviewed the theses and ranked them
 - DS is trying to do this at RRC as well, and is currently in discussions about the timeline
 - IJ suggests that DS contact Derek Oliver soon as he is taking over the course next year and there will be some changes
 - i. Each group will have a P.Eng mentor who could judge the reports
 - ii. We should align review criteria with the course evaluation
 - We could display the posters of the winning groups at the AGM in January
 - b. Section-wide event theme discussion

- We need a broad topic
 - i. IJ: We need a topic that appeals to a broad audience, such as the colonization of Mars in the next 100 years
 - ii. Canadian space agency
 - iii. CN suggests speaker on ethics
 - iv. PM suggests an international year of light theme
- Send suggestions (name and affiliation) to DS
- c. Someone will be coming to next meeting to discuss Senior membership

ADJOURNED (IJ/NB) at 18:29



IEEE Canadian Foundation

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Report to IEEE Winnipeg Section Dave Kemp, ICF VP - Grants April 20, 2015

Thank you for the opportunity to present an ICF overview at the January 2015 Section AGM.

The ICF Board is pleased to announce a 2015 Special Grant to the University of Manitoba in the amount of \$1,500 for their T-SAT3 satellite project. In 2011 the Foundation awarded a similar grant to UoM for \$4,500. The University of Manitoba recently received McNaughton Learning Resource Center upgrades as recently as 2014 and 2011.

Grants, prizes and scholarships approved at the April 15, 2015 Board meeting include the following:

- a) five IEEE Canadian Foundation Scholarships at \$5,000 each
- b) seven ICF Special Grants including the aforementioned UoM grant.
- c) the IEEE Canada Power Quality Scholarship
- d) the IEEE Canada Women In Engineering Prize
- e) an IEEE Canada Vehicular Technologies Travel Grant

Details of upcoming opportunities are at: <http://ieeecanadianfoundation.org/EN/applications.php>

ICF home page <http://www.ieeecanadianfoundation.org/>

How You Can Help

Your help is needed and appreciated:

- a) make a personal (tax deductible) donation, any size - one-time or continuing, personal or corporate
- b) fund an award (scholarship, grant, prize, medal)
- c) promote giving within the Section
- d) publicize the ICF program of philanthropy (in Sections, Chapters, Groups, Branches)
- e) have an ICF Member assist/speak ICF at scholarship and other award presentations

I welcome your inquiries.

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