

**IEEE PETERBOROUGH**  
**SECTION AND LMAG**  
**ANNUAL GENERAL MEETINGS**  
**FEBRUARY 23, 2018**

**Agenda**  
**Reports**  
**Minutes**

## **IEEE PETERBOROUGH SECTION AND LMAG ANNUAL GENERAL MEETINGS FEBRUARY 23, 2018**

### **AGENDA**

**Call to order - Helder Pinheiro**

**Opening Remarks - Helder Pinheiro**

**Number of IEEE members present (show of hands):**

**Motion to Approve the Minutes as circulated - Kevin Kirley**

**Section Financial Report - Luc Matteau**

**Section Activities Report Summary - Sean Dunne**

**LMAG Activities Report Summary - Bob Rehder**

**Motion to receive the Reports**

**Elections/Executive for 2018 - Luc Matteau**

**Closing Remarks - Helder Pinheiro**

**Adjournment - Helder Pinheiro**

### **IEEE PETERBOROUGH SECTION ANNUAL REPORT**

**Financial Report:** Attached.

**Pre-college Education** IEEE Peterborough Section is collaborating with PEO Peterborough Chapter to set up communication with the local school system. We have continued our role promoting engineering in the pre-college environment including the Engineering Challenge, the Science Fair, and the IEEE Teachers in Service Program (TISP).

**Engineering Challenge** The Engineering Challenge, an activity in National Engineering Month, gives teams of secondary-school students the opportunity to design, build, and test an engineering project, all within a few hours of duration. With PEO and OACETT the Section participated as usual in the Engineering Challenge. The project was to build a solar powered vehicle. The event was attended by 95 students in grades 10-12 split into 25 teams. There was excellent media coverage as usual and several sponsors. The project this coming year is development of a rubber band driven car.

**Trent Regional Science Fair** Again we were a Silver Sponsor. Our sponsorship provided prizes in the junior physical science and the junior engineering sections – five awards in all. Sean Dunne, past Section Chair, represented the Section at the awards ceremony. Our Section contributed the Simon Taylor Award for the “Most innovative use of Engineering principles”. The Award consists of a plaque for the school, \$100 cash, and a book on an engineering topic for the winners.

**International Humanitarian Technology Conference 2017** The International Humanitarian Technology Conference took place Toronto last July. It is sponsored by the Central Region of IEEE and several other Sections, Sean Dunne supported by Erik Kvernstad served as the publications committee. The conference was successful with 44 formal papers

**Peterborough Engineering Symposium** The IEEE Peterborough Section, the local PEO Chapter and the local OACETT Chapter presented the public Engineering Symposium – "Local Innovation driving Success". Last year the event was

organized by PEO Peterborough.

**Participation in IEEE Canada national events** Helder Pinheiro attended the IEEE-Canada-Board Spring 2017 Meeting in Toronto. Luc Matteau and Helder Pinheiro attended the IEEE-Canada-Board Fall 2017 Meeting in Toronto.

**IEEE Sections Congress** Helder Pinheiro represented the Section at the 2017 International Section's Congress held in Sydney, Australia. This event which occurs every three years is primarily intended to provide exposure and experience for new executive members.

**2nd. Annual Electric City Hackathon** We supported this event and participated in the judging and awarded the prize for the "Best Hardware Hack". It involves over 200 students from all over Ontario.

**Section meetings** Nine joint Peterborough Section and Life Member AG Executive meetings were held in the months of Jan, Feb, Mar, May, June, Sept, Oct, and Nov 2016, and one in Jan 2017. Additional meetings were required such as for the Engineering Challenge and the Engineering Symposium.

**Members Social** We put on a social get-together for members in November 28 This was an opportunity to network, update friendships, and checkout the local IEEE and pursue Senior Membership, all in a very informal atmosphere. We expect to hold another social get-together for members this year.

**Women in STEM** This event organized by PEO Peterborough. IEEE was a sponsor and participated in the meeting.

**Peterborough Scouting Guiding Workshop on STEM**, Helder represented the Section at this event which sought to showcase to the Scouting & Guiding community the STEM resources that are available in the Peterborough area.

**Fleming College.** Luc, Sean and Helder met with Prof. Ghada and Debbie McEachern (Applied Projects and Field Placement) and we have been invited to be a sponsor and participate in the Innovation and Technology Showcase in April, 2018. We have also been invited to make a presentation at that event.

**Membership** Our membership roster currently (December 2017) stands at 91, of which 66 retain active status. The Section has an active Executive, but there are a number of open positions. . We continue to engage with local technical community at large, including students and staff at Trent University and Fleming College, and with local business-development leaders.

### **REPORT ON PETERBOROUGH LIFE MEMBER AFFINITY GROUP**

**Membership** The Affinity Group has a roster of 22 members.

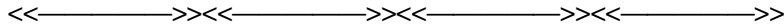
**Engineering History** Bob Rehder has been active archiving some first-hand histories of the innovations he has been involved with during his career. They are available on the *Engineering and Technology History Wiki* at [http://ethw.org/Main\\_Page](http://ethw.org/Main_Page) (just search for *Rehder* for his contributions). We encourage other members to contribute their stories as well. As a result of Bob's work over the past several years and of the help received from Marcelo Sarkis of PEO there is now a database of GE Peterborough patents on the website of the Peterborough Museum and Archives.

**Peterborough IEEE Milestone** Luc Matteau is researching a proposal for an IEEE Milestone recognizing Unilogic, the world's first digital control, which was developed in Peterborough at GE.

#### **2017 IEEE Peterborough Section And LMAG Executive Committee**

Chair	Helder Pinheiro
Past Chair	Sean Dunne
Vice-chair	Vacant
Secretary	Kevin Kirley
Treasurer	Luc Mateau
Webmaster	Paul Robinson
Member at Large & LMAG Chair	<u>Vacant</u>
Member at Large & LMAG Secretary	Harold Briggs

Report prepared by Sean Dunne - Feb. 22, 2018



## **2018 Elections**

### **Section & LMAG Executive for 2018**

**The Executive Committee** The current Executive Committee of IEEE Peterborough Section is pleased to invite nominations for any and all positions on the Committee. All members are welcome to attend and participate at executive meetings. The meetings dates and location are given on our website – peterborough.ieee.ca.

#### **Nominations for the 2017 Section And LMAG Executive Committee**

**Nominated:**

- Chair                   Helder Pinheiro
- Past Chair            Sean Dunne
- Vice-chair
- Secretary            Kevin Kirley
- Treasurer            Luc Mateau
- Webmaster            Vacant
- Industrial Relations   Helder Pinheiro

Member at Large & LMAG Chair

Member at Large & LMAG Secretary Harold Briggs

#### **Additional nominations from the floor**

Motion to approve the 2017 Peterborough Section and LMAG Executive Committee

Moved by \_\_\_\_\_, Seconded by \_\_\_\_\_. Carried/Failed

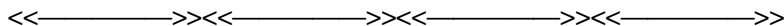
#### **Motion to receive the Annual Reports**

Motion to receive the Annual Reports of the Peterborough Section and LMAG

Moved by \_\_\_\_\_, Seconded by \_\_\_\_\_. Carried/Failed

#### **Adjournment**

AGM adjourned by the Chair at \_\_\_\_\_ pm





## Annual Treasurer's Financial Report

Joint IEEE PEO AGM: February 23 2018

<b>Current Assets - December 31, 2017</b>	
<b>Bank</b>	
74716 - Custody Banking Section PETERBOROUGH	\$33,219.72
<b>Total Bank</b>	<b>\$33,219.72</b>
<b>Total Current Assets</b>	<b>\$33,219.72</b>
<b>Total ASSETS</b>	<b>\$33,219.72</b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Long Term Liabilities</b>	
74246 - Reserve Allocation Payable	\$6,106.61
<b>Total Long Term Liabilities</b>	<b>\$6,106.61</b>
<b>Equity</b>	
Retained Earnings	\$24,980.88
<b>Net Income</b>	<b>\$2,132.23</b>
<b>Total Equity</b>	<b>\$27,113.11</b>
<b>Total LIABILITIES &amp; EQUITY</b>	<b>\$33,219.72</b>

<b>Income/Expense - January 1 to December 31 2017</b>	
<b>Income</b>	
2.50 - Conference Revenue	\$3,716.12
3.10 - Rebate from IEEE HQ	\$3,691.53
3.40 - IEEE CB Account Interest	\$248.77
<b>Total - Income</b>	<b>\$7,656.42</b>
<b>Gross Profit</b>	<b>\$7,656.42</b>
<b>Expense</b>	
4.10 - Meetings & Social Events Expense	\$2,585.15
4.50 - Conference Expenses	\$1,397.14
4.60 - Educational Activities Expense	\$1,541.90
<b>Total - Expense</b>	<b>\$5,524.19</b>
<b>Net Income</b>	<b>\$2,132.23</b>

**MINUTES OF THE IEEE PETERBOROUGH SECTION AND LMAG  
ANNUAL GENERAL MEETINGS JANUARY 27, 2017**

**AGENDA**

**Call to order**

**Minutes of the Previous AGM**

**Motion to Approve the Minutes**

Motion to approve the minutes of the Peterborough Section and LMAG for 2016.

Moved by Sean Dunne. Seconded by Harold Briggs. Carried

**Section Annual Report**

**LMAG Annual Report**

**Section Financial Report**

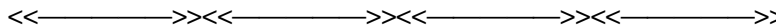
**Motion to receive Financial Report**

Motion to receive the Annual Financial Report of the Peterborough Section 2017.

Moved by Luc Matteau. Seconded by Bob Rehder. Carried

**Executive for 2017**

**Adjournment**



**Call To Order**

Meeting called to Order at 7:15 pm

Number of IEEE members present (show of hands): 7

**IEEE PETERBOROUGH SECTION ANNUAL REPORT**

**Financial Report:** A Financial Report is provided separately by our Treasurer, Luc Matteau.

**Pre-college Education** IEEE Peterborough Section is collaborating with PEO Peterborough Chapter to set up communication with the local school system. We have continued our role promoting engineering in the pre-college environment including the Engineering Challenge, the Scienc Fair, and the IEEE Teachers in Service Program (TISP).

**Engineering Challenge** The Engineering Challenge, an activity in National Engineering Month, gives teams of secondary-school students the opportunity to design, build, and test an engineering project, all within a few hours duration. With PEO and OACETT the Section participated as usual in the Engineering Challenge. The project was to build a solar powered vehicle. The event was attended by 95 students in grades 10-12 split into 25teams. There was excellent media coverage as usual and a number of sponsors. The project this coming year is development of a cantilever crane/bridge.

**Trent Regional Science Fair** Again we were a Silver Sponsor. There were 215 students who participated this year. Each project receives a careful evaluation and constructive comments from at least two judges. There are over 100 judges required. Our sponsorship provided prizes in the junior physical science and the junior engineering sections – five awards in all. Lloyd Gorling, Section Chair, represented the Section at the awards ceremony. Our Section contributed the Simon

Taylor Award for the “Most innovative use of Engineering principles” in the Intermediate division. The Award consists of a plaque for the school, \$100 cash, and a book on an engineering topic for the winners.

**International Humanitarian Technology Conference 2017** The International Humanitarian Technology Conference will be held in Ottawa this July. It is sponsored by the Central Region of IEEE and several other Sections, Sean Dunne supported by Erik Kvernstad have taken on the role of Publications Chair.

**Bryston Audio** The initial plant visit to Bryston on November 14 was over-subscribed and two encore tours were required to meet the demand of the engineering community.

**St. Mary’s Cement Plant Visit** IEEE joined with PEO and OACETT for a very well received plant visit to St. Mary’s Cement at Bowmanville on October 29, 2016

**Peterborough Engineering Symposium** The IEEE Peterborough Section, the local PEO Chapter and the local OACETT Chapter presented the public Engineering Symposium – The Internet of Things (IoT). Helder F Pinheiro, who is our Section’s Industrial Relations officer, was chosen to Chair the working committee. The Symposium took place on Saturday October 29, at Fleming College in Peterborough. The event attracted 71 participants including members of the general public. For the first time the Symposium has offered sponsorships and several local organizations came forward. This aspect of the Symposium has also fostered stronger relations between our engineering associations and our local business community.

**Participation in OACETT AGM** OACETT kindly invited a representative of the Peterborough Section their Annual Chapter Meeting and Spring Banquet. Lloyd Gorling accepted on behalf of the Section and thanked the Association for the opportunity to celebrate their accomplishments of the past year and to wish them well in their projects in the coming year, and in our continuing cooperation.

**Participation in IEEE Canada national events** Lloyd Gorling attended the IEEE-Canada-Board Spring 2016 Meeting in Vancouver, BC; and Luc Matteau and Lloyd Gorling attended the IEEE-Canada-Board Fall 2016 Meeting in Ottawa, Ontario.

**Section meetings** Nine joint Peterborough Section And Life Member AG Executive meetings were held in the months of Jan, Feb, Mar, May, June, Sept, Oct, and Nov 2016, and one in Jan 2017. Additional meetings were required such as for the Engineering Challenge and the Engineering Symposium.

**Membership** Our membership roster currently (December 2016) stands at 96, of which 66 retain active status. The Section has an active Executive, but there are a number of open positions. Activity to develop closer contact with the membership is underway and this should encourage potential volunteers. We continue to engage with local technical community at large, including students and staff at Trent University and Fleming College, and with local business-development leaders.

**Members Social** We put on a social get-together for members in April. This was an opportunity to network, update friendships, and checkout the local IEEE Section, all in a very informal atmosphere. We expect to hold another social get-together for members this spring.

## **REPORT ON PETERBOROUGH LIFE MEMBER AFFINITY GROUP**

**Membership** The Affinity Group has a roster of 22 members.

**Engineering History** Bob Rehder has been active archiving some first-hand histories of innovations he has been involved with during his career. You can find these of clever and fun stories on the *Engineering and Technology History Wiki* at [http://ethw.org/Main\\_Page](http://ethw.org/Main_Page) (just search for *Rehder* for his contributions). We encourage other members to contribute their stories as well.

**Peterborough IEEE Milestone** Luc Matteau is researching a proposal for an IEEE Milestone. Unilogic, the world's first digital control, was developed in Peterborough at GE. John Mackelvie was a key member of the team that developed the technology in 1957, just ten years after the invention of the transistor. John Mackelvie passed away in Dec last year. Report submitted by Lloyd Gorling, February 4<sup>th</sup>, 2016

**Executive for 2017**

**The Executive Committee** The current Executive Committee of IEEE Peterborough Section is pleased to invite nominations for any and all positions on the Committee. All members are welcome to attend and participate at executive meetings. The meetings dates and location are given on our website – peterborough.ieee.ca.

**Nominations for the 2017 Section And LMAG Executive Committee**

**Nominated:**

Chair	<b>Open</b>
Past Chair	Sean Dunne
Vice-chair	Vacant
Secretary	Kevin Kirley
Treasurer	Luc Matteau
Webmaster	Paul Robinson
Industrial Relations	Helder Pinheiro

Member at Large & LMAG Chair **Open**  
Member at Large & LMAG Secretary Harold Briggs

**Additional nominations from the floor**

Motion to approve the 2017 Peterborough Section and LMAG Executive Committee  
Moved by Sean Dunne. Seconded by Bob Rehder. Carried

**Motion to receive the Annual Reports**

Motion to receive the Annual Reports of the Peterborough Section and LMAG  
Moved by Sean Dunne. Seconded by Harold Briggs. Carried

**Adjournment**

AGM adjourned by the Chair at 7:50 pm

