

Major Events

- Section Annual General Meeting November 27th at Windermore Manor.
- Biomedical Imaging Research Centre/ IEEE EMBS Seminar Series 2012-2013.
- For up to date information on upcoming meetings, see our website: <http://london.ieee.ca>

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Newsletter

Issue 3, October 2013

2013 Annual General Meeting

All London Section members are invited to our Annual General Meeting on November 27th at 7:00 at Windemere Manor. The agenda will be:

- 7:00 pm: Call to Order
 - 7:05 pm: Chair Report
 - 7:10 pm: Financial Report
 - 7:15 pm: Elections -as presented by executive or any candidates from the floor
 - 7:20 pm: Dinner
 - 8:20 pm: Recognition & Awards
 - 8:30 pm: Keynote - Dr. Aaron Fenster, Fellow IEEE, "Multi-disciplinary Approach to Healthcare Research: Maximizing Chances for Success"
- 2013 Fellow citation: for contributions to medical imaging and ultrasound-guided intervention. We will be celebrating the 50 years since the IEEE was created in 1963 and recognizing those Section members who have been involved for those 50 years. Come and mingle/network starting at 6:00 Look for an email announcement and please register on Vtools. http://meetings.vtools.ieee.org/meeting_view/list_meeting/212.

Planning for EPEC 2015

After the success of EPEC (Electric Power and Energy Conference) 2012 in London last October the London Section Executive along with the other sections in the Central Area (Toronto, Hamilton, Kitchener-Waterloo, Peterborough, and Kingston) have agreed to support a bid for the EPEC 2015. A formal Expression of Interest including an initial organizing committee and a draft budget has been submitted to IEEE Canada.



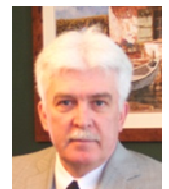
This EOI will be reviewed at tee upcoming region 7 board meeting in Mississauga later in October and hopefully approved. We will then need more volunteers to help organize and present the conference. Interested persons should contact the General Chair, Maïke Luiken miake.luiken@ieee.org

Message From the Section Chair

Welcome to the third issue of "Wire", our Section newsletter. I'd like to thank the contributors and our editor Dr. Chintan Modi. On IEEE Day on Oct 1, the IEEE was 50 years old having been created by the joining of AIEE and IRE in 1963. The London Section has existed since then also, having had chapters of AIEE and IRE prior to that. I invite all Section members to our AGM on Nov 27 at the Windemere Manor (see announcement above) to celebrate this major milestone. 2013 has been another busy year with both the Power Engineering Society (PES) and Engineering in Medicine and Biology Society (EMBS) chapters hosting numerous seminars, thanks to their chairs Maïke Luiken and Terry Peters respectively. Two affinity groups, Graduates of the Last Decade (GOLD) and Women in Engineering (WIE) have also been active – see articles on past meetings. Thanks goes to their chairs Omid Alizadeh and Sanny Huang as well as the WIE Program Chair, Dipanwita Gangopadhyay, and the Western Student Branch Chair, Adam Newsome, who have all

spent many hours organizing these events. We also have two new joint chapters of the Computer (CS) - Science, Man, and Society (SMCS) Societies and the Communication – Broadcast Societies that are getting organized this year. And last, but not least, our LIFE affinity group is planning two activities late in the year – see article on the last page. All of these activities are volunteer led, so I'd invite all interested in helping to let us know. I am sure we can find a role! We have just had our annual IEEE elections and the results are hot off the press – see a short article at the bottom of page 2 with a link to more information. Congratulations to the winners and all who ran for election.

Murray MacDonald, P.Eng, SM
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**London
CANADA**

CCECE 2014, Call for Papers

Original Full Length papers due December 20, 2013 via on-line submission at <http://www.ccece2014.org/>
London Section and PES Chapter supported conference:
“Grid Resilience Through Energy Storage in Southwest Ontario”
November 20th, 2013 in Sarnia, Ontario

On September 30, 2013, WIE organised an event where Ms. Celia Desmond - the President of World Class Telecommunications and the former President of IEEE Canada and Region 7 Director - was invited to deliver a lecture on “A Rewarding Career in Engineering”. The event was inaugurated by Mr. Murray MacDonald who introduced Ms. Desmond to the audience. Total 18 visitors including 10 IEEE members and 8 guests were present there. Ms. Desmond took the audience through a brief journey of her career path explaining how IEEE helped her to shape it. Then she addressed the critical issue of lower number of women representation in the academia as well as in the industry related to Engineering. She discussed several aspects of the problem by highlighting unemployment numbers, less number of girls opting for engineering career, gender pay gaps and women leaving engineering in mid-career for various reasons. All the facts were validated by using thought-provoking statistics collected from US Department of Labour, Education and NSF. Finally she concluded the talk in an optimistic mode followed by a display of books written by her on Project Management and on her passion of Doll-making. In a nutshell, the event was well-accepted since the whole experience was of overwhelming feeling of encouragement by the insights of the experience and wonderful speech of Ms. Desmond.

-Reported by: Dipanwita Gangopadhyay, Program Chair, IEEE London WIE



Right Photo:
Guest speaker Ms. Desmond is being felicitated by Murray MacDonald, IEEE London section chair .



Guest speaker Ms. Desmond with the audience following a talk on ‘A Rewarding Career in Engineering ‘ organized by WIE, IEEE London Section .

IEEE Election Results



Results for the IEEE 2013 elections are now available on the IEEE website at http://www.ieee.org/about/corporate/election/election_results.html

IEEE President - Howard Mitchell

Region 7 Delegate – IEEE Canada President: Witold Kinsner



Career Development Panel Organized by GOLD and Student Branch

The GOLD Affinity Group and Western Student Branch at IEEE London Section organized a Career Development Panel on October 1, 2013 (IEEE Day), with guest speakers from industry, university, and career services, who shared their experience and talked about opportunities, possibilities, and the work environment in their fields. The event was a good success, with about 25 students present to hear about electrical engineering careers from experienced speakers. The event was very informative for the students, and allowed them to participate in a question and answer period with the speakers.

We would like to thank our guest speakers for their invaluable contribution to this event.

- Kelly Sexsmith, Career Coordinator, Western University
- Murray MacDonald, P.Eng., Principal at Murray MacDonald Consulting
- Ken McIsaac, P.Eng., University Professor, Chair ECE, Western University
- Jonathan Abate, P.Eng., Process Improvement Manager, McCormick Canada
- Jim Robinson, Ph.D., P.Eng., Senior Research Scientist, Trojan Technologies

- Reported by Omid Alizadeh, GOLD Affinity Group Chair

Bottom Photo:
Guest speakers and participants engaged themselves during a career development panel organized by GOLD and Student Branch of IEEE London section.



Teacher - In - Service - Program (TISP) Plans

The London section has an active IEEE TISP effort. For information on past activities, see the TISP Canada newsletters at <http://www.ieee.ca/tisp/>. This fall we have two activities planned.

On Nov. 18, we will participate in the Thames Valley District School Board IGNITE Math workshops. Our volunteer, Ken McDonald will be giving a workshop on binary numbers. On Nov. 19 or 20 (to be determined) we will be participating in a TVDSB SPARK conference in conjunction with the Profes-

sional Engineers of Ontario (PEO). The topic and keynote presentation will be on Engineering as a career option and there will be a total of 4 activities presented. These are still underdevelopment and looking for volunteers. If you are interested in education outreach and possibly volunteering for these or future activities, contact:

Murray MacDonald, TISP Champion—
murraymacdonald@ieee.org

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Up Coming Event
**2013 Annual General
Meeting: Nov 27, 7.00
pm at Windermere
Manor**
**For more information or
to register visit**
<http://llondon.ieee.ca>

SECTION EXECUTIVE

Chair

Murray MacDonald

Jr. Past Chair

Dr. Weiming Shen

Sr. Past Chair

Dr. Maike Luiken,

Vice Chair

Trevor Grant

Secretary

Patrick Pu

Treasurer

Allan VanDamme

Technical Society Chapter Chairs

EMBS Chapter Chair

Dr. Terence M Peters

EMBS Student Chapter Chair

vacant

PES Chapter Chair

Dr. Maike Luiken

Joint CS/SMC Chapter Chair

Dr. Abdallah Shami

Joint Communication/Broadcast Chair

Dr. Xianbin Wang

Affinity Group Chairs

Graduates of the Last Decade (GOLD) Chair

Omid Alizadeh

Life Members Chair

Ray Brule

Women in Engineering (WIE) Chair

Sanny Huang

Student Branch Counselor

Dr. Xianbin Wang

UWO Student Branch Chair

Adam Newsome

Newsletter Editor

Dr. Chintan Modi

Webmaster

Dennis Michaelson

IEEE London Section's LIFE Affinity Group Plans

The London Section of the IEEE is pleased to invite LIFE members to two upcoming events we are hosting as follows:

- 15 October - 1:00 PM: **A Life Member Group Lunch Meeting** at the Kanata Kafe & Grill near the London Airport. This is a social event to get to know each other, and share career stories and any historical electrical engineering events or firsts that have occurred in London. We also hope to solicit ideas for future meetings for next year. The section will provide \$10 in support of your lunch.
- 27 November - 6:00 PM: **A Life Member Group Meeting** at the Windermere Manor Banquet Facilities near the UWO. This social meeting is planned an hour prior to the Annual General Meeting scheduled for 7:00 PM the same day and location. Keynote speaker will be Dr. Aaron Fenster, Fellow IEEE. Dr. Fenster is Director - Imaging Labs, Robarts' Centre among other titles. We will also be celebrating IEEE's 50th anniversary and honouring our 50 year IEEE Members (including a special photo shoot!).

For further information contact Trevor Grant, LIFE Vice Chair - trevor.grant@rogers.com

IEEE Xtreme 24-Hour Programming Competition

IEEE Xtreme is a global challenge in which teams of IEEE Student members, supported by an IEEE Student Branch, advised and proctored by an IEEE member, compete in a 24-hour time span against each other to solve a set of programming problems. This year event registration is closed now.

26 October 2013

IEEE XTREME
PROGRAMMING
COMPETITION

Western ECE Symposium

Western ECE Symposium, sponsored by the London IEEE CS/SMC affinity group, was held on July 25-26th. This event offered graduate students from the department of Electrical and Computer Engineering an opportunity to present their research in a public platform. The two day event featured presentations from 58 students from several specialties, ranging from software engineering to power systems engineering. Keynote talks were presented by Dr. Sourajeet Roy and Mr. Murray MacDonald on the 25th and 26th respectively. Sourajeet was recently hired as a tenure track professor at Colorado State University. Based on his research experience and recent job search, Sourajeet presented tips for success in academia and the academic job search. Murray has 30+ years of experience in the telecom power industry. Murray discussed engineering as a process and presented guidance for building a successful career in industry. The keynote talks were well attended and highly valuable to the grad student community, many of whom are soon pursuing careers in academia or industry.

The IEEE award was presented to Osama Ghazian for his presentation entitled "Oscillation and Coalescence of Sessile Droplets in a Rotating Electric Field".

- Reported by: Kyle Degannes

IEEE London Section Chair Murray MacDonald giving award to Osama Ghazian during a Symposium sponsored by IEEE CS/SMC affinity group.

