



1903

IEEE Toronto Section

2014

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Contact us - to contact any member of our executive please use the mailtos on our [executive page](#).

Summary of Scheduled Meetings - Current Month and Beyond
please check this page regularly - updates posted as they are received

Dec 16, 2014 at 6:00 p.m. the IEEE Toronto Section is inviting you to EDGE - a series of interactive discussions based on recent news in electrical engineering. The topic for the inaugural EDGE meeting is Energy Conservation and Generation, and will cover the Nobel Prize winning blue LED, fusion technology, carbon emissions and more. Click for [details](#).

Announcements



October 7, 2014: We are pleased to announce that SIGHT Toronto has been approved as one of the new SIGHT locations. In recent years, IEEE has placed great emphasis on Humanitarian Technology Activities, instituting the **Humanitarian Ad Hoc Committee (HAHC)** in 2011. As part of a strategic effort toward member engagement, HAHC has instituted a program called Special Interest Group on Humanitarian Technology (SIGHT).

Objectives - To promote the mission of IEEE regarding humanitarian technology activities, particularly:

To bring together members/IEEE Organizing Unit (OU) working in or wishing to work in humanitarian fields and to encourage and promote them in activities that use humanitarian technologies by giving them an opportunity for participation.

Increasing awareness of IEEE members and engineers of the potential of their work to improve the standard of living of underserved populations, and encouraging them to increase efforts in this direction.

To engage with NGOs, Civil Society Organizations, UN Organizations, Corporates, and other similar bodies to synergize efforts in delivering useful and sustainable technologies in their operations.

To work with other bodies in the global engineering community who have similar goals and help each other in delivering to the ideals and participate in joint activities like **Engineering for Change (E4C)**.

This founding committee consists of:

- Alexai Botchkarev
- Xavier Fernando
- Rabiz Foda
- Emmanuel Istrate
- Joan Kerr
- Naresh Kurada
- David Kung Li
- Glenn McKnight (Interim Chair)
- Andy Ye

Click [here](#) to learn more about SIGHT and visit their [facebook page](#).

July 3, 2014: IEEE Toronto events are now available on our shared calendar. Subscribe to it within your own calendar application to automatically see all our events. It is compatible with Google Calendar (on Android), Apple Calendar (on iPhone) and Outlook calendar. Click [here](#) to subscribe and for more instructions.

May 20, 2014: Young professionals mix it up at successful networking event

More than 150 early-career professionals from a broad range of industries turned out to raise a glass and make new connections at IEEE Young Professionals' latest networking social May 6, 2014. The event at The Three Brewers microbrewery was co-hosted with IEEE Women in Engineering and scheduled to coincide with the Canadian Conference on Electrical & Computer Engineering at nearby Ryerson University.



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Centennial Presentation

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The goal of the event was to introduce conference attendees to the local IEEE Toronto community, and bring together students and early-career professionals in a broad range of including engineering, science, business, marketing, arts and media. The venue



Like 9

Speaking with young professionals at our events is always an invigorating experience," said Mario Milicevic, chair of IEEE Young Professionals Toronto. "In just a couple of hours, I can have an in-depth discussion about CAD tool design for electrical engineers, the state of the economy and political trends, MBA opportunities in Canada and abroad, the challenge of selling men's pants, interactive virtual gaming platforms, implantable bio-devices, and of course, IEEE volunteer opportunities."

IEEE Young Professionals is coordinating a professional development series of events for September, featuring workshops on dressing for success, dining etiquette and networking skills. Look out for a half-day mini-conference on entrepreneurship slated for Saturday, Oct. 25, 2014 at Hart House at the University of Toronto to bring together technical innovators and early-career professionals through keynote talks, workshops, panels and networking.

Photo Gallery

We have created a Flickr page which will store the photos for all of the events that we host. For each event shown below, please go to the corresponding link to see the photos

[IEEE Toronto AGM 2012](#)

<http://www.flickr.com/photos/ieeetoronto/sets/72157632035563306/>

The IEEE Toronto Section is currently seeking volunteers for the following Chapter Chair positions. If you are interested, please contact the appropriate person for the posting of your choice below.

1. **Public Relations Committee Chair** - Please contact Dr.Xavier Fernando: xavier@ieee.org
2. **Life Members Chair** - Please contact Pelle Westlind: pellewestlind@ieee.org
3. **Serving on the Region 7 Professional Development Committee** - Please contact Dr.Xavier Fernando: xavier@ieee.org
4. **Serving on the Region 7 Industry Relations Committee** - Please contact Dr.Xavier Fernando: xavier@ieee.org
5. **Assisting with or hosting technical, educational, or member development webinars** - Please contact Dr.Xavier Fernando: xavier@ieee.org



Award Certificate from the University of Toronto

The IEEE Toronto Section has received an Award Certificate from the University of Toronto in recognition for our dedicated support of student scholarships to the University

» Click on the image on the left to view the certificate.

New Systems Council Chapter

On February 19, 2011, the IEEE Toronto Systems Council Chapter was established and approved by IEEE. The chapter is chaired by Dr. Alexei Botchkarev (Alex Bot), former IEEE Toronto Section Chair. Read more about this new chapter and its upcoming events [here](#).

IEEE Toronto Section in 2008 - 2009: Aspirations and Achievements. Ex-Chair Notes

Our former chair of the IEEE Toronto Section, Alexei Botchkarev (Alex Bot) has created some notes to share some experience he gained as the IEEE Toronto Section Chair, to show what worked successfully and what did not, and to draw attention to some points of concern and possible solutions, which could help the Section be more effective and efficient in serving the

organization's constituency. [Please see this link for more details.](#)

New Magnetics Society Chapter

On March 15, 2010, the IEEE Toronto Magnetics Society Chapter was established and approved by IEEE. The chapter is chaired by Dr. Alireza Sadeghian, Associate Professor and Chair, Department of Computer Science, Ryerson University. Read more about this new chapter and its upcoming events [here](#).

New Nuclear & Plasma Sciences Chapter

On September 3, 2009, the IEEE Toronto Nuclear & Plasma Sciences Chapter was established and approved by IEEE. The chapter is chaired by Dr. Hossam A. Gabbar, Associate Professor, Faculty of Energy Systems and Nuclear Science, University of Ontario Institute of Technology (UOIT). Read more about this new chapter and its upcoming events [here](#).



IEEE Milestone - First External Pacemaker The IEEE Toronto Life Members affinity group has successfully nominated the "Hopps First External Pacemaker" as an IEEE Milestone.

The Institute of Electrical and Electronics Engineers (IEEE) History Center recently recognized with a Milestone in Electrical Engineering and Computing The First External Cardiac Pacemaker 1950 "an external electronic pacemaker-defibrillator with electrodes inside the patient, developed by the National Research Council, for the successful continuous pacemaking of a heart. This achievement led to pacemakers which have enhanced the lives of thousands and also helped to firmly establish the importance of electronic devices in medicine."

» [Read more about the milestone event and view the event photos](#)



Project Management Institute - Southern Ontario Chapter (PMI SOC) and IEEE Toronto Section Sign Memorandum of Understanding (MOU)

On March 26, IEEE Toronto Section and PMI Southern Ontario Chapter signed a Memorandum of Understanding (MOU) for the purpose of exchanging ideas and experiences on how to benefit from each others' operations. Under the MOU, both organizations will hold joint activities and facilitate the knowledge sharing among the constituents. More details [here](#).

Project Management News: Sharing Knowledge: IEEE and Project Management Institute Unite



Marcelo Mota Awarded the 2008 IEEE Larry K. Wilson Transnational Award

Marcelo Mota, IEEE Toronto Section Secretary, has been awarded the 2008 IEEE Larry K. Wilson Transnational Award. Marcelo's long and fruitful volunteer work for the IEEE developing and promoting the Institute's activities internationally in all Regions outside the U.S. (Regions 7, 8, 9 and 10), with a stronger focus in Regions 9 (Latin America) and 7 (Canada), has largely contributed to the Member and Geographic Activities (MGA) Board's mission of serving the needs of the members of the IEEE by maintaining, enhancing, and supporting the geographical organizational units of the IEEE and met the following MGA Board goals, with a transnational scope in the true spirit of the Larry K. Wilson Transnational Award. Read more about this award [here](#).

The IEEE Toronto Section would like to congratulate Marcelo Mota for his achievement and contributions to the IEEE community.

Launch of IEEE Toronto Section Consultants Network Affinity Group & Online Consultants Database

The petition to form the IEEE Toronto Section Consultants Network was approved by IEEE HQs on October 7, 2008. On October 25, the IEEE Toronto Section launched the online [Consultants Database](#) under the stewardship of Fasih Masood, Chair, Industrial Relations Committee & Consultants Network Affinity Group. The technical architect of the database is Karl Martin, IEEE Toronto Section Webmaster.

In phase-I, the objectives of the Consultants Database include, but not limited to, fostering the growth of Consultants in fields under the umbrella of IEEE & its Societies, encouraging local consultants to join the IEEE Toronto Section Consultants Network and form new alliances, promoting the use of independent technical and engineering consultants by industry and business, and providing educational activities for self-employed members.

Under the MOU of IEEE and PMI Southern Ontario Chapter, the Consultants Database will also be advertised on the home page of PMI SOC Website at <http://www.soc.pmi.on.ca/>

In phase-II, IEEE Toronto Section will publish a print catalogue of all consultants with pictures & profiles which will be distributed at all the IEEE Events.

**Symposium on Alternate Energy and Global Synergy:
Proceedings and Presentations Slides Available for Download**

On July 15, 2008, a highly successful one-day Symposium on Alternate Energy and Global Synergy was hosted by Ryerson University, co-sponsored the IEEE Toronto Section (represented by the WIE Affinity Group). The symposium proceedings and presentation slides have been made available [here](#).

IEEE Communications Society Offers Free Free Webinars/Tutorials

- **Free online tutorials available...** **Commercial Wireless Networking** (3 hs, 220 slides) joins **WiMax: Mobilizing the Internet** (2 hrs 7 min; 89 sides) and **Next Generation Cellular Networks** (2 hrs 40 min, 93 slides) as complimentary online tutorials. See them now; limited time access.
- **VIEW** a Webinar on the WCET Certification Program to learn more about it!
- **Watch the commercial on WCET brought to you by IEEE.tv**

Summary of Local IEEE Conferences

All IEEE Conferences in Canada - please use [this link](#).

Pas Pasupathy: Meeting Challenges Head On



IEEE Life Fellow and Toronto Section member, **Prof. Subbarayan "Pas" Pasupathy**, was recently profiled in the IEEE publication "The Institute":

"A lunch with co-workers and perhaps a fancy watch or a piece of luggage are typical retirement gifts for many people. But those weren't adequate to mark the career of IEEE Life Fellow Subbarayan "Pas" Pasupathy. Instead, his students and colleagues at the University of Toronto, in Canada, devoted an all-day workshop to honor his contributions as teacher, pioneering researcher, and international authority on wireless digital communications, detection and estimation theory, and biomedical signal processing."

Read the [full article](#) by [Kathy Kowalenko](#) and visit the [official workshop web page](#).

Toronto is one of 20 sections in Canada. For more information about national activities and publications, please visit the IEEE Canada links on the left. You can visit the IEEE (worldwide) and EIC web sites by clicking on their logos below.



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