



In this issue

Message from the Chair

CHAPTER EVENTS

Velodrome Tour

PEO Oakville Chapter Annual
BBQ

Technical Writing Simplified

Oakville Children's Festival

Take your MPP to Work Day

Student Scholarships

PEO Oakville Chapter Certificate
Presentation

Advanced Analytics in the
Metals Industry

Small Talk in the Workplace

PEO Queen's Park MPP
Reception

Upcoming Events

Message from the Chair



Sohail Nasser, P.Eng.
Chair, Oakville Chapter
Professional Engineers Ontario
chair@peo-oakvillechapter.ca

The Oakville Chapter has scheduled an AGM for January 2017, where we will elect a new Chapter Executive Board (EB). I appreciate all the support provided to the Chapter by our members and I'm confident the new EB will continue to receive this support in 2017.

This year our flagship symposium will cover "Smart Infrastructure" and is being held on November 25th in partnership with Oakville Chambers. Please attend as the topic is quite relevant to the prevalent economic outlook and all the levels of Government. Modernizing the infrastructure like roads, bridges, transportation,

renewable energies, water and sanitation or any community project is a key focus for the government. This is a time for Engineers to engage in the conversation for future planning and provide input for effective use of investments.

The Chapter Government Liaison Program (GLP) won the best chapter award again this year. This is our second win, and a big achievement...kudos to the GLP team.

Member attendance to chapter events has increased this year due to efforts of the Events team. They did a great job planning the events and selecting relevant topics for seminars which generated interest from wide spectrum of engineering disciplines.

Lastly, I would like to ask you to participate more in chapter events and give feedback for what type of events you would like to attend. Feel free to contact me via email at Chair@peo-oakvillechapter.ca.

5 Tips on How to Become an Innovative

Know yourself – You must be aware of your Strengths-Weaknesses-Opportunities-Threats (SWOT). Know what your passions and your goals are. Assess your current situation and work on your goals. Let your passion and goals shine through in everything you do.

Pay close attention innovative thinkers– Practice continuous personal improvement through reading, listening to podcasts, watching TED talks and other avenues.

Find an innovation partner – Find someone who can be your innovation buddy that will provide support and accountability, and help you push you through when you fail. Think about somebody who you match up well with.

Figure out what low-risk experiments you can attempt – Try something new and take the approach that it is safe to fail and not fail-safe. Do not be afraid to try different things. If you want to stand out or be recognized in your industry, you have to be different and be innovative.

Think LEAN – Take an approach where you follow and repeat these steps when you try new things: Build, Measure, Learn, Repeat.

Source: <http://www.engineering.com/career-advice/5-tips-on-how-to-become-an-innovative-engineer/>

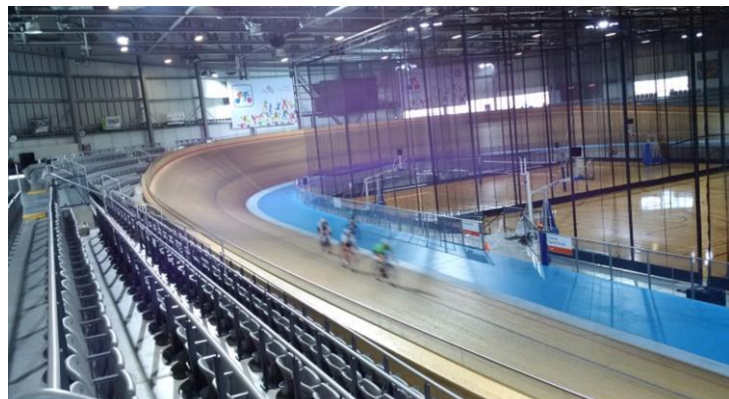
Know any Students?

If so, keep an eye out for our student events!

Velodrome Tour – May 18, 2016

The Milton Velodrome is the only indoor Velodrome UCI (International Cycling Union) Certification – Category 1 in Canada. The Oakville Chapter toured the velodrome on May 18th and learned interesting insights on the engineering, project management, energy conservation and diversity aspects of this great facility. Forty members attended the sold out event. Some fun facts include:

- Track length is 250 metres.
- Track slope is 42° in the corners.
- Hand-selected Siberian Spruce wood, installed by German wood craftsmen (over 10,000 individual boards).
- Event seating for 2,500 and regular seating for 1,500 (equal seating on both sides).



PEO Oakville Chapter BBQ – June 11, 2016

PEO Oakville Chapter held its annual BBQ on June 11th at Kelso Park, Milton. The weather was great and more than 250 people (including members and their families) attended the event. Thank you for your support!

I would like to say a special thanks to the Event and GLP teams for their input. The event was also attended by PEO councillors and local politicians.



Technical Writing Simplified – June 22, 2016

Matthew Bin, a local consultant and technical writer, presented "Technical Writing Simplified". This presentation targeted engineers, who often have to write or contribute to the documentation process.

Matthew explained that creating technical documentation isn't as difficult or onerous as it seems. Drawing on his 20 years' experience and millions of words written for IT clients, he provided a number of approaches and tips for creating documentation. Numerous engineers working in a number of different disciplines asked questions, and a lively discussion ensued about approaches for engineers with imperfect English, and technologies for disseminating technical documentation.



Oakville Children's Festival – July 10, 2016



The education outreach team participated in the Oakville Children's Festival 2016 on Sunday July 10th, from 10-4 p.m. in Coronation Park. The fun-filled day saw young students participate in engineering activities to encourage a passion for science, technology, engineering and mathematics in their education.

Take your MPP to Work day – July 20, 2016

The PEO Oakville and Mississauga Chapters hosted the first-ever joint Take Your MPP to Work Day event on July 20th. It was an excellent partnership between the two chapters. The event was held at the Credit Valley Conservation (CVC) Authority and featured Labour Minister Kevin Flynn, MPP (Oakville); Associate Finance Minister Indira Naidoo-Harris, MPP (Halton); and Amrit Mangat, MPP (Mississauga-Brampton South), Parliamentary Assistant to the Minister Responsible for Women's Issues, and to the Minister Responsible for Accessibility. The visit allowed the politicians to meet several CVC professional engineers who explained the various stormwater management practices being used and the important role engineers play in protecting the environment and maintaining a safe supply of drinking water for the public.

Take Your MPP to Work Day helps to showcase the impact of professional engineers in their communities and inform politicians of the contributions the profession makes in protecting the public. To date, over 14 MPPs have taken part in 12 Take Your MPP to Work Day events hosted by 12 different PEO chapters. Minister Flynn and Associate Minister Naidoo-Harris each have participated in two such events. This was the first Take Your MPP to Work event for the Mississauga Chapter and the third for the Oakville Chapter.

Student Scholarships - July 30, 2016

Professional Engineers Ontario Oakville Chapter awarded three scholarships in 2016. The scholarships were awarded on the basis of academics, community contributions, extracurricular activities and the student's intention to pursue a career in the engineering profession. To qualify for this award, the student must be graduating from a secondary school in Oakville or Milton in 2016, and enrolled in a Canadian Engineering Accreditation Board (CEAB) accredited Ontario university engineering program for 2016-2017 school year. This year's scholarship recipients are Liam Ma (\$1000), Amy Li (\$750) and Samuel Looper (\$750). Congratulations to our winners.

Newsletter Advertising!

This newsletter is an efficient way to present assorted commercial information to the engineering community in the Oakville-Milton area.

Your advertisement will reach approximately 3,000 of our licensed professional engineers in the area. This is an excellent way to reach a specific target audience for very little cost.

If you are looking for an engineer, advertise in our newsletter.

Contact Iyyad Jariri by email at newsletter@peo-oakvillechapter.ca

Ads in either a camera-ready, or (various) computer file formats are acceptable.

Intermediate:

(2" x 3½") \$115 per issue

Half page:

(4" x 7½") \$300 per issue

Full page:

(8½" x 7½") \$540 per issue.

Oakville Chapter Certificate Ceremony – Sept 21, 2016

We held a great licence ceremony on September 21, 2016. The event was well attended by over 110 attendees, and we presented 30 licences. PEO Oakville Chapter also had the honor of having Halton Regional Chair, Gary Carr; Oakville Town Councillor, Tom Adams; and Hatch General Manager, Jim Sarvinis, P.Eng. as our guest speakers. PEO Oakville Chapter also presented three scholarships to our top winners: Liam Ma, Amy Li, and Samuel Looper. Congratulations to all of the new licencees, and scholarship winners. We wish you all many more successes throughout your professional careers.



Advanced Analytics in the Metals Industry – Sept 29, 2016

On September 29, 2016, Richard MacRosty from the Hatch Technologies Group gave a talk on “Analytics in the Metals Industry” to members of the PEO Oakville/Milton Chapter. The presentation was well attended with engineers from many industries in the audience. The objective was to educate professionals about data analytics and its potential application in their industries and sectors.

Data analytics is the exploration of data to discover patterns; those patterns can be used to reveal information and provide insights about the system. Big data and analytics have received a lot of attention recently for their capability to convert an untapped resource (historical data) into a valuable asset. Used correctly, the methods are very powerful but they do have limitations. Understanding these limitations is important to avoid common pitfalls and achieve reliable outcomes. Aside from the specific algorithm used, there are a number of factors that need to be considered; including how the data is collected and utilized and how it is processed prior to the analysis. The involvement of process experts into the analysis is another key component of producing meaningful results.

The aim of the talk was to give some insight into some of these aspects without getting into the fine details of the algorithms. Some simple examples from the metals industry were used to demonstrate the capabilities.

Small Talk in the Workplace – Oct 19, 2016

Our October event was on Small Talk in the Workplace. We had 51 attendees attend this soft skills seminar, where presenter Marjorie Friesen shared the six steps to becoming a better listener and guidelines for starting a conversation. Towards the end of the seminar, attendees were asked to practice their new skills by engaging in small talk with strangers in the room. Overall, attendees had a great time at this event where they obtained new skills for the workplace.



PEO Queen's Park MPP Reception – Oct 26, 2016

PEO's Oakville Chapter received the 2016 PEO Chapter Certificates of Appreciation for building relationships with their MPPs and taking an active interest in Government Liaison Program activities. This was their second time receiving the award. Mississauga Chapter received an honourable mention. PEO's Take Your MPP to Work Day initiative was featured throughout the reception. MPPs were interested in future opportunities to take part in their own event.





SMART INFRASTRUCTURE SYMPOSIUM

FRIDAY, NOVEMBER 25

Thank you to our Partners



Executive Board Openings

- Secretary & Privacy Officer

Great opportunity to give back to the profession!
If interested, please contact Sohail Naseer at Chair@peo-oakvillechapter.ca.

PEO OAKVILLE CHAPTER 2016/2017 OFFICERS & EXECUTIVES

Position	Member	E-mail address
Chair	Sohail Naseer, P.Eng.	chair@peo-oakvillechapter.ca
Vice Chair	Len D'Elia, P.Eng.	vice-chair@peo-oakvillechapter.ca
Treasurer	Simon Thomas, P.Eng., PMP	treasurer@peo-oakvillechapter.ca
Secretary & Privacy Officer	Vacant	secretary@peo-oakvillechapter.ca
Past Chair	Fred Dato, P.Eng.	past-chair@peo-oakvillechapter.ca
Events Committee Chair	Norbert Lee, P.Eng.	events@peo-oakvillechapter.ca
Education Committee Chair	Susan Reimer, P.Eng.	education@peo-oakvillechapter.ca
GLP Committee Chair	Jeffrey Lee, P.Eng.	glp@peo-oakvillechapter.ca
LAP Director	Mirosław Szymczyk, P.Eng.	lapd@peo-oakvillechapter.ca
Innovation Chair	Mukul Asthana, P.Eng.	innovation@peo-oakvillechapter.ca
Communication & Media Chair	Abu Zahid, P.Eng., smIEEE	media@peo-oakvillechapter.ca
Webmaster	Mehri Mansouri	webmaster@peo-oakvillechapter.ca
Newsletter Editor	Iyyad Jariri, M.Eng, P.Eng., MBA	newsletter@peo-oakvillechapter.ca
Certificate Coordinator	Parisa Mahdian, M.Eng, P.Eng.	certificates@peo-oakvillechapter.ca
Events Coordinator	Michael Conway, P.Eng.	events1@peo-oakvillechapter.ca
Events Coordinator	Julie Dixon, P.Eng.	events2@peo-oakvillechapter.ca
Events Coordinator	Rahul Bhardwaj, P.Eng.	events3@peo-oakvillechapter.ca
GLP Coordinator	Nathan Cao, P.Eng.	glp1@peo-oakvillechapter.ca
GLP Coordinator	Ian Kirby, P.Eng.	glp2@peo-oakvillechapter.ca
Education Outreach Coordinator	Parisa Zoghi	education1@peo-oakvillechapter.ca
Education Outreach Coordinator	Ming Hu, P.Eng.	education2@peo-oakvillechapter.ca
Symposium Committee Chair	Adrian Pierorazio, P.Eng.	symposium@peo-oakvillechapter.ca