



Chair's Message



Dear York Chapter Members,

I am both privileged and honored to have served as Chair in 2011. I truly appreciate the valuable efforts from the Chapter's volunteers - your dedication and contributions had led us to another successful year.

The York Chapter Executive Board consisted of 12 executives and had effectively led 50 volunteers to manage 3 to 4 events each month that catered to groups of different interests. Event highlights include:

1. We awarded 6 scholarships to high school students in York Region who selected engineering as their field of study at an accredited Post-Secondary Institution in Ontario. The selection process was difficult as all entries were persuasive and well written. Funding was provided by PEO Central Office, RBC and TD Meloche Monnex.
2. The 4th Mathletics Competition for grade 5 to 8 students was held on Nov. 19th with AMD as our title sponsor for the second consecutive year. A total of 90 students participated in the junior and senior competition. Parents and students enjoyed an afternoon of learning and fun.
3. On Oct. 1st, our mentorship program invited 10 mentors and 20 mentees for a workshop, called "What do I do with my career after my 5 years of engineering experience?" Three inspiring mentors presented their real life stories, and mentees received valuable advice from different perspectives through a roundtable mentor rotation discussion.
4. York Chapter constantly reaches out to other chapters and professional organizations to raise awareness of Professional Engineers' contributions and dedications to society. We supported events from neighboring chapters and collaborated with community partners such as American Society for Quality (ASQ) Toronto, Markham Small Business Enterprise Centre, Venture LAB, York University Research & Innovation, and many others to organize events for our members.
5. The increase of 10 EIT members per month necessitated the development of a program for EITs to educate about the Licensing process and also to network with peers. The Chapter also participated in York University's 4th year student capstone project with 10 P.Eng. mentors.

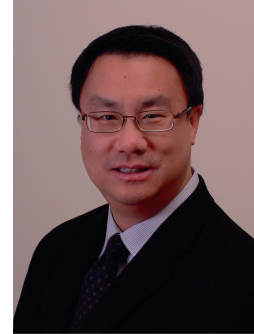
To access our full list of 2011 activities, please visit our website: www.peoyork.com. As always, I encourage and welcome new volunteers and new ideas. Please don't hesitate to contact anyone on our board if you would like to join us in 2012.

In closing, I wish you and your family a Happy Holiday and may 2012 bring good health and prosperity to all!

Best Regards,

Sarah Jin, MBA, P.Eng., FEC, PMP
Chair, PEO York Chapter

Vice Chair's Message



The PEO York Chapter had experienced another successful year. I am very proud of all of my fellow executives and our volunteers for the full complement of activities which included reach out to our 7,000+ York Chapter members, to education institutions in York Region, and to politicians who serve our community. In 2011, our Chapter also added more activities that encouraged participation of our EIT community by naming an Executive Director responsible for EIT activities. None of this would have been possible without enthusiastic volunteers from our York Chapter membership to help run these activities.

Over the past year and a half, the PEO York Chapter was one of the five pilot chapters that participated in the PEO Mentorship Program. Our Chapter is once again very proud to be participating in the next phase of the program. This is where we need your help! The PEO Mentorship program matches an Engineering Intern with a licensed Professional Engineer on a 1-to-1 basis to guide and support our interns as they progress towards professional licensure status. We are looking for experienced Professional Engineers to be mentors and Engineering Interns to be mentees to participate in the next phase of the program. If you are interested in participating in the Mentorship Program, please contact our Mentorship Director at mentorship@peoyork.com.

Gordon Ip, P.Eng., FEC
Vice-Chair, PEO York Chapter

Contact Us

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Markham, ON L3R 3V7

Web Address: <http://www.peoyork.com>
Facebook: PEO York Chapter (Non-Profit Organization)



*Past Chair Kam Leong not present in photo



Certificate Ceremony News

The PEO York Chapter held two Certificate Presentation Ceremony Events in the past year. We were honored to have Honorable Bryon Wilfert (formerly MP of Richmond Hill) and Honorable Corneliu Chisu (MP Pickering-Scarborough East) in attendance at those Events. A total of (140) new Professional Engineers had their PEO Awards presented to them. We also presented scholarship awards to six high school students on Oct 1st, 2011. For the new PEO Award Recipients and event attendees, please visit our York Chapter web site



(<http://www.peoyork.com/>). You may browse and download photos under 'Photo Gallery.' The next York Chapter Certificate Event and 2012 AGM will be held on February 11, 2012. If you are interested in attending, please watch out for Chapter E-mail blasts, or send your enquiry e-mail to Patrick Yeung, at certificate@peoyork.com. Thank you.

Patrick Yeung, MSc. P.Eng
Certificate Director, PEO York Chapter

Program News

It has been an exciting year for events and activities! To-date, 11 Program events have been organized with almost 300 attendees. Events varied in topic, such as bank sponsored financial advice events, tax advice seminars to help prepare our professionals for the tax season, and entrepreneurial information sessions such as the opening of the Markham Small Business Center Open House event. The turn out was fantastic and the vast majority of events were a great success!

I would like to thank all of the volunteers who helped make these events possible. If it was not for you and attendees, it would not be enjoyable at all. Thanks for a great 2011, and here's to more enjoyable events in 2012!

Darren Desrosiers, P.Eng
Program Director, PEO York Chapter

Mentorship Program

Accelerated Mentorship Event

For the second year in a row, the Mentorship committee of PEO York Chapter organized a very successful and well received Accelerated Mentorship Event. As the event title suggests, the objective of the event is to allow mentors and mentees to get acquainted with each other within a very short time frame. In addition, it provides all participants the opportunity to network with fellow engineers from different engineering disciplines and to learn from each others success stories.

This year, the event was held at the newly constructed Markham Convergence Centre and was sponsored by both Innovation York and VentureLab. Over forty people attended the event including a number of mentors, mentees, Chapter executives and guests.

PEO Mentorship Program

After a year of hard work from a team of dedicated PEO staff and Chapter executives, the official PEO mentorship program has launched in our York Chapter area.

The primary objective of this mentoring program is to help guide engineering interns (EIT) through the licensing process, develop as a professional and assimilate into the engineering community.

PEO also developed a Mentorship website - <http://www.peo.on.ca/Program/mentorship.html> where PEO members can

subscribed to be Mentors and Mentees. In addition, there is a FAQ section, contact information and a link to the main mentorship page of the Chapter. Applicants will be able to apply online to PEO mentorship program from this website.

Ed Fung., MBA, P.Eng.
PEO York Chapter, Mentorship Director

Education News

Design Challenge

PEO York Chapter held its 12th annual Design Challenge for teams of grade 7 and 8 students from schools in York Region in March. Fourteen teams from schools in York Region participated in the challenge which was to make a propeller-powered airship that carried maximum payload and travelled furthest. The students were supplied with a fixed set of materials; they then designed and built the

airframe structure with a planned attachment strategy. The teams were judged on planning, concept development, design and construction before the airships were weighed to determine payload capacity and flown to measure distance travelled. Scoring was based on a combination of the pre-test judging and performance testing.

As always, the teams came up with a variety of ingenious ways to make their airships work. In the end, the competition was won by Richmond Hill's Walter Scott Public School Team B; this school was well represented, with their Team A coming in second place. Beverly Acres Public School placed third.

Special guests in attendance at the event included Julia Munro (MPP from York-Simcoe), and Aurora Mayor Geoffrey Dawe. The event was organized by the PEO York Chapter Education Committee with a crew of hard working volunteers out supporting the event from PEO and OACETT.

Jeff Mark, P.Eng. and Gord Young, P.Eng. presented prizes and certificates to the winning team from Richmond Hill's Walter Scott Public School.



Scholarship Program

In 2011, PEO York Chapter presented six University Entrance Scholarships of \$500 each for students graduating from a secondary school in the York Chapter area who were going on to take engineering at a Canadian university.

The scholarships were awarded based on the each of the student's contributions in the community, their involvement in intra and extracurricular activities, and their intention to make a career in the profession of engineering. Choosing the six winners was a tough job from the many who applied. The winners were presented with their scholarships during the Fall Licence Certificate Presentation on October 1st, 2011.

The winners were:
Sanchit Mathur of Richmond Hill, Jennifer Chan of Richmond Hill, Ian Ip of Aurora, Kishan Dedakia of Vaughan, Ian Travell of Newmarket, and Emmanuel Lee of Markham



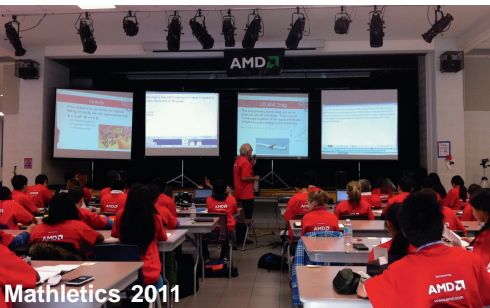
Scholarship Winners 2011

AMD Mathletics 2011

Our fourth consecutive AMD Mathletics, organized by the York Chapter Education Committee, was held on Nov 19, 2011. Over 80 bright young minds from across York Region came together to compete head to head with each other for fun and prizes. The competition was split into two levels - junior, up to Grade 6, and senior, Grades 7 and 8 - with two rounds of questions.

Concepts from various engineering fields such as computer, mechanical, electrical, and more, were introduced to the students and they had to use mathematics learned from school to solve the problems. The goal of this competition is to expose and attract students to engineering and also to create an interest in active thinking and problem solving.

New to this year's competition is the AMD Challenge Round where students were tested on basic engineering topic related to the AMD's graphics technology. Serena Perera of Windham Ridge Public School was the winner of this challenge and won a brand new laptop powered by AMD.



Mathletics 2011

The 2011 AMD Mathletics Competition is sponsored by Advanced Micro Devices Inc. PEO York Chapter was honoured to have AMD's Engineering Director I-Cheng Chen, P.Eng on hand to open the competition.

E.I.C. Program

The Education Committee kicked off this year's Engineer in the Classroom (EIC) Program again. EIC is a partnership between engineers and educators that brings real-world experience to the teaching of science, technology and mathematics. The program connects teachers with volunteer engineers

who spend part of a day in a classroom presenting the engineering profession to a group of young minds and helping them see the connection between what is being taught in school and its applications in industry and everyday life.

If you are interested in participating in this program and sharing your engineering experience with a class of children, please contact education@peoyork.com.

Gord Young, P.Eng
Education Director, PEO York Chapter

*Government Liaison Program
Committee*

York Chapter Government Liaison Program Committee conducted 3 events and attended 5 fundraising events in 2011.

On January 28, 2011 a breakfast session was held with Dr. Helena Jaczek, MPP for Markham Oak Ridges. Thirty members attended the session where Dr. Jaczek spoke on the protection of the Oak Ridges Moraine. On February 16, 2011 an all candidates meeting was held for the PEO elections in cooperation with three other Chapters. Nine candidates for all positions spoke to 40 members. On September 20, 2011 York Chapter in partnership with the Boards of Trade in York Region, Seneca College and the York Chapter of the CAA arranged an all party debate prior to the October provincial election. Approximately 50 people attended to listen to representatives from 3 of the 4 major parties with candidates in the election.

Members of the Committee attended 5 fundraising events (2 Liberal, 2 Progressive Conservative and 1 NDP). In addition, many of the members were active in both the Federal election in May and the Provincial election in October. Members also attended the first GLP conference on September 12, 2011.

Gerry Meade, P.Eng.
PEO York Chapter, Director GLP

EIT News

The EIT committee was established this year to help Engineers-In-Training (EIT) with the transition to become a Professional Engineer. With 600 EITs currently registered, our chapter executives decided to form a dedicated committee to help EITs progress in their careers. I am very honored to be the Chapter's first EIT Director and serve my fellow EITs.

An EIT Engineering experience Seminar was

held to assist EITs with the preparation of their Engineer Experience Records. It was an interactive session where EITs shared their experience records with P.Eng volunteers for review and critique. EITs obtained valuable feedback from the P.Eng volunteers.

Networking and social gathering events were organized especially for EITs to network with other future engineers.

I would love to hear your suggestions, ideas or comments that can help you and others bridge the gap to obtain your P.Eng. Feel free share your feedback and comments with me.

Annabelle Lee, EIT
EIT Director, PEO York Chapter

Communication News

Our team continues to improve and explore ways to improve communications between the Chapter and its members. We had many events and the volume of emails had greatly increased. To address this, we replaced our event notification emails with a regular bi-weekly email beginning in the Fall. While this isn't a revolutionary idea, we hope the bi-weekly email will help to keep your inbox manageable. You can also find the upcoming events at www.peoyork.com/upcomings.

Besides the bi-weekly letter, we had also setup a Facebook page to enhance our communication with you - look up "PEO York" in Facebook. By "subscribing" to us, you will receive upcoming events notifications automatically via your Facebook account.

Also, by the time you receive this newsletter, you should have received a survey designed to solicit your feedback so that we can further improve the operations of our Chapter. Your feedback is important to us and it will only take a few minutes to complete.

Technical Tour

On October 13, 2011, our Chapter had a rare opportunity to visit George Kelk Corporation, an ISO 9001:2008 certified organization, specializing in the design and manufacturing of state-of-the-art electronic measurement equipment used mainly in steel and aluminum rolling mills, paper mills, and mining applications around the world. Over 30 engineers converged to its modern plant spent over 3 hours learning about KELK's technology and its manufacturing process. A special thanks to Wes Lewis, VP of Engineering of KELK, who organized this



tour for our members.

If there are companies with unique technologies that you think may be of interest to our members, simply contact us and provide us with the contact information, and we will work with these companies to develop technical tours.

CN Tower Climb 2011

York Chapter's members and their families were part of the 10,000 people who climbed the CN Tower on October 21st, 2011. Together we raised over \$2.1 million for United Way. 8 members from our Chapter's participants raised over \$2000 for this event. If you are interested to climb with us in 2012, monitor our call for climbers in September 2012.

Dennis Woo, Ph.D, P.Eng
Communications Director, PEO York Chapter



2012 Chapter Executive Nominations

The election for 2012 will be held at the Chapter Annual General Meeting. The purpose of the election is to provide an opportunity for registered members or EITs to serve on the Chapter's executive board for a period of one (1) year if elected. The only exception for an EIT is that the person, if elected cannot serve as Chair, Vice-Chair, Treasurer or Secretary. The executive board consists of the following positions: Chair; Vice Chair; Past Chair; Secretary;

Treasurer; Program Director; Certificate Director; Education Director; Mentorship Director; Government Liaison Program Director; EIT Director; and Communications Director.

*Note: The Past Chair position is reserved for the previous Chair.

Who is eligible to run for election?

The following must be met in order to be eligible to run for election:

- Member of good standing with PEO and have no criminal record;
- Recommendation via email by two (2) P.Eng that you are a member of good standing - email to be sent to me at kam.leong@peoyork.com;
- A short description why you would run for election and which position do you intend to run for. Please email this to me as well.

On election day at the AGM

- Each candidate is to provide a short speech on why they chose to run for the election and if elected how are they going to serve the Chapter.

Deadline

Please note that the deadline is two (2) weeks before the AGM. The last day of the submission to be eligible to run is January 27, 2012.

If you have any questions pertaining to the election process please contact me via email (kam.leong@peoyork.com) or phone (416-570-3617).

Kam Leong, P.Eng
Past Chair, PEO York Chapter

OSPE Update

OSPE re-launched its website on July 21st, after months of planning and design. This significantly improved system allows members to network with peers more easily through forums and discussion groups, develop online profiles, boost their careers through the improved online Career Centre, and stay up-to-date on Society news.

OSPE now has over 22,000 visitors (and growing) to its website on a monthly basis, with 90 per cent of the visitors coming from Canada and the remaining ten per cent from another 125 countries around the world. The new website also features a Travel Club designed especially for OSPE members by 365 Travel Club. Be sure to check our website for deals and discounts!

In conjunction with the launch of its new website, OSPE has introduced The Engineering Blue Book. This online directory will allow the public to search for engineering firms across North America by name or by engineering discipline, and also provides a list of engineering associations.

The Engineering Blue Book is available to the public on OSPE's website, at www.ospe.on.ca, by clicking on the open-faced blue-book icon titled Engineering Blue Book in the home page header.

Matthew Xie, P.Eng.
OSPE Liaison Chair

Chapter Board 2011/2012

Officers

- Chair:** Sarah Jin, P.Eng.
- Vice Chair:** Gordon Ip, P.Eng.
- Secretary:** Donald Eng, P.Eng.
- Treasurer:** Simon Hum, P.Eng.
- Past Chair:** Kam Leong, P.Eng.

Executives

- Certificate Director:** Patrick Yeung, P.Eng.
- Comm. Director:** Dennis Woo, PhD, P.Eng.
- Education Director:** Gord Young, P.Eng.
- GLP Director:** Gerry Meade, P.Eng.
- Program Director:** Darren Desrosiers, P.Eng.
- Mentoring Director:** Ed Fung, P.Eng.
- EIT Director:** Annabelle Lee, EIT

About this Newsletter

This newsletter is published for the benefit of over 7,000 members of the York Chapter, Professional Engineers Ontario. Its main goal is to communicate the Chapter's activities and views and to be a voice of our members. Hence, your comments, letters to the editor and guest articles are welcome. We reserve the right to edit submissions for length, clarity and style. The newsletter content does not necessarily reflect the opinion or policy of the Council of Professional Engineers Ontario, nor does the association assume responsibility for the opinion expressed.

Comments and suggestions of this newsletter should be communicated via email to communications@peoyork.com

Placeholder for mailing address