



# Chapter News

## Chapter Executive 2005/06

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## Chair's Message



During the summer months, I was able to reflect on my role as Chapter Chair and the direction the Executive Committee should be heading. Two fundamental issues need to be revisited. First – Re-emphasizing the Chapter's Mission Statement. Second - How can we achieve this shared mission and contribute our personal best? Our Mission Statement is: To maintain a local presence for the engineering profession in York Region through:

- Promoting public awareness of the engineering profession in the local community
- Providing a communication link between the membership and Council
- Enhancing the professional development and social responsibility of professional engineers
- Providing a forum for local discussion of professional and civic affairs
- Providing timely and current information to members
- Providing relevant services and activities to the members.

The second question requires a high level of team co-operation and individual commitment on fulfilling the various executive roles. The Chapter's success depends on the dedication and integrity of its executives, and the volunteers that help out on various committees. I strive to create a positive environment at the Chapter level to bring out the best qualities of the individual executive to "get the job done and have a little bit of fun." I always believe in people and their good intention to producing their personal best, and to be proud of their contributions. As I emphasized at our Certificate Presentation Ceremony held on June 11, we will continue to invite volunteers to join our Program, Education and Communications Committees. You can make a difference by getting involved in Chapter activities. I strongly encourage young engineers and foreign-trained engineers to come out and visit our executive meetings, usually held on the first Monday of each month (except July and August) at Bayview Hill Community Centre, Richmond Hill.

You will probably ask, "What do I receive in return?" My response to your question is: "A lot." First is that you will gain invaluable experience and management skills by participating and running the Chapter's events. Second, you will be able to work under the mentorship of an experienced executive. Finally, you will enjoy "free" food at the meeting.

The Chapter has recently submitted the 2006 budget to the PEO Council, which include events that focus on members' networking and recruiting, and retaining volunteers. If you are interested in getting involved, log on to our web site, www.peoyork.com and contact the respective Committee Director, or contact me directly through the Chapter email address. I am looking forward to meeting some of you at future Chapter events.

*Ed Poon, P.Eng., Chair*



(L bottom) Sarah Jin and guests at reception, at the June Licence Presentation



(L-R) Jeff Mark, Recipient Kenneth and Matthew Xie at June Licence Presentation



(L-R) Jennifer Neate, Ed Poon, and John Greenough at June Licence Presentation

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## ***Congratulations and Welcome!***

The summer Licence Presentation Ceremony was held at the Markham Golf & Country Club, on June 11th, 2005. We had an outstanding turn-out of 113 attendees, including guests, new and existing members, friends, and family. Among our guests for the evening were Bryon Wilfert, MP, Oak Ridges, John Schindler, Past Chair and OSPE Director, and Jeff Mark, East Central Region Councillor. Our special guest speaker was John Greenough, M. Eng., P. Eng., Vice President of LEA Consulting Limited. John gave us a presentation on Protecting Bridges and Tunnels from Terrorist Elements.

A total of 43 new P.Eng. members received their certificates. Please join us in welcoming the new members to the York Chapter.



Licence Presentation Recipients: Sherwin Aarons, Simon Aspinwall, Ashraf Bedwani, Eddie Bertola, Mahadevkumar R. Bhatt, Gerard Biasutto, Cenk Bilgen, Mehrdad Boloorch, Afbar Boozri, Errol Cerit, James Chen, Jimmy Ben-Jay Chow, Antonio Colucci, Pavel Combei, Upul J. Degamboda, Isabelle Dufresne, Brian Fleming, Nancy Fleming, Roger El Frenn, Ngai Chiu-Fung, Andy Ho, Kelvin Ho, Ravi Shankar Krishnamurti, Mike Kushnirsky, Calvin Si Yang Lam, Thomas Looi, Christy Michalak, Mahen Moorthy, Kenneth C. Nwosu, Jeffrey Pooranalingam, Petre Popescu, Farsad Rafinejad, Mythili Rajanathan, Ali A. Rasouli, Ernst Ulrich Schrader, Cezar Tanasuca, Manish Thakur, Harpreet Singh Ubhi, Sherminah Vafa, Alex Wong, Allan Yeung, Alex Zaitchenko.

*Jennifer Neate P.Eng., Certificates Director*

## **Joining the Education Committee !!**

**“Dad or Mom I want to be a Professional Engineer like you are”.**

Many of us have probably dreamt of hearing a phrase like this come from one of our children. We would love to see them perform in a career like no other that allows us to be “co-creators”; we put into reality things that did not exist before. Other careers attract by the glamour that money, power or fame can provide, but Engineering is one of the very few in which the measure of success is mostly given by our own personal fulfillment. Universities report that enrollment in engineering studies is getting less and less with time; when you talk with high school students and ask about their preferences for a career to make a living, still engineering is far from being one of the favorites. Reasons such as the hardship of the studies, the money made compared with other professions (including trades), but mainly the lack of understanding of the role of Engineers in society, appear as the ones that make this a difficult choice.

Engineering has made possible the way we live. There is almost no item, no event and no part of our lives in which engineering has not contributed some how. But, if there will be not enough engineers in the future, how will the future society evolve? As part of the Education Committee, one of which most important mandates is to help spreading the knowledge about engineering, motivating young people towards studying the career, we manage and participate in several programs and events that put us in contact with those young minds and let us share with them the love for our career. Being part of those events we also enjoy the experience of confronting brains for which there are not things that “can not be done” and seeing the designs and ideas that come from those inquisitive and boundless minds.

The committee has strong bonds with the York Education Boards (Public and Catholic) through which our contact with schools and students is canalized. Its work, started several years ago by a group of enthusiastic, committed and very capable professionals, has already started to show results and even some recognition from the Boards and other entities. There are many ways in which you can participate: join our Education Committee; become one of the Volunteer Engineers for our EIC (Engineer in the Classroom) Program (you can speak about your specialty or an issue in it to groups of students as per agreements with their teachers) or help us in the preparation, organization or implementation of one of our “Design Challenges”.

We have a recent meeting with a group of Volunteer Engineers for EIC program, from which a bundle of new and exiting ideas have shown up and we need your help to put them to work. Please come have fun with us and may be one day you may have the pleasure of having a new Engineer in the family. Photo: “Applause” Event by York District School Board presenting award to PEO York Chapter. (L-R) Edgar Martinez, Mira Laserson, Susan Treki, and Bill Crothers of York School Board

*Edgar O. Martinez, P.Eng., Education Director*





# Dinner and Licence Presentation

Saturday, October 15, 2005

## Richmond Hill Golf Club

8755 Bathurst Street, Richmond Hill ON L4C 0H4 Tel: 905-731-2800

*Guest Speaker: Michael A Meschino P.Eng  
of Yolles Partnership Inc.*

A special event for members, families & friends  
to meet and enjoy a served dinner, Licence Presentation,  
and learn from Michael A. Meschino



*“Toronto Pearson International Airport  
- New Terminal 1 - Structural Design Challenge”*

Reception: 6:00 p.m.

Speech: 7:00 p.m.

Certificate Presentation: 8:30 p.m.

**\$40 per person (early bird) by October 5, 2005**

\$45 per person after October 5, 2005

Includes dinner, wine, door prizes, and entertainment  
(Vegetarian menu available with prior arrangement at time of ordering the tickets)

**Cheque/money order must be received, by Friday, October 7, 2005 at:**

York Chapter, PEO, P.O. Box 186, 7305 Woodbine Avenue., Markham, ON L3R 3V7

**For further information, please contact Jennifer Neate at [jennifer.neate@peoyork.com](mailto:jennifer.neate@peoyork.com)**

Tickets will be held for you at the door.

Cut along here

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### York Chapter Dinner/Certificate Presentation - Saturday, October 15, 2005 - Ticket(s) Order

I would like to order: \_\_\_\_\_ ticket(s),  
\_\_\_\_\_ \$40 (by October 5) \_\_\_\_\_ \$45 (after October 5)

Food choice: Chicken \_\_\_\_\_ / Fish \_\_\_\_\_ /Vegetarian \_\_\_\_\_

I have enclosed a cheque/money order for \$\_\_\_\_\_.

Please contact me to confirm my order.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Town/City: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_ Fax \_\_\_\_\_





## Professional Engineers Ontario

This newsletter is published for the benefit of the 6,700 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.

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## Coming Events/Calendar

- Oct 15 - Licence Presentation
- Nov 22 - Toyota Plant Tour
- EIT Networking - TBA

Contact Gerry Meade Email: [gerryypeoyork@yahoo.ca](mailto:gerryypeoyork@yahoo.ca) for more detail

### Toyota Plant Tour - November 22

By popular demand, come join York Chapter's tour of Toyota Motor Manufacturing Canada. Seats are limited. Book your seats NOW!

**Date:** Tuesday, November 22, 2005

**Departure Time:** 12:30pm Tour Time: 2:00pm

**Departure:** By bus at Hillcrest Mall (Bay Store), Yonge & 16th Ave.

**Fee:** \$15 per person (including transportation and refreshment)

**Payment:** Cheque/Money Order received by November 11, 2005 to  
Professional Engineers Ontario -York Chapter  
P.O. Box 186, 7305 Woodbine Avenue, Markham ON L3R 3V7

For more info contact Gerry Meade, P.Eng. [gerryypeoyork@yahoo.ca](mailto:gerryypeoyork@yahoo.ca)

## Program Events

The last business seminars, Successful E-Business Strategies, Thursday, May 19, was attended by over 60 participants. On behalf of PEO York Chapter, I presented a certificate of appreciation to Markham Small Business Enterprise Centre for co-organizing the event. From June to September, we hosted two technical seminars - Finite Element Analysis in Engineering Practice and Forensic Recovery of Digital Evidence. The speakers were our senior executives in PEO Chapters: John Schindler (past Chair) and Denis Carlos (Scarborough Chair). The topics were attractive and informative to the members, and almost 40 people attended each seminar. Most people did not want to "leave" the seminars after closing.

We welcome any PEO member to share their experience and knowledge by hosting a technical seminar. If you have a topic in mind, please feel free to discuss with me for potential seminar that would benefit all the members.  
*Haoxuan (Sarah) Jin, MBA, P.Eng. Program Director*



(L-R) Stephen Wong, Sarah Jin, Sandra Tam Participants at Finite Element Analysis (FEA) Seminar. Right photo: John Schindler, Speaker at FEA Seminar

## OPSE Update

April 25-26 marked the "First Industry Forum" where engineering managers and HR staff learned about:

- Recruitment, retention strategy, trends in education compensation, and professional developments
- National Guideline on professional development and continuing competency and
- Networking with engineers and students.

Upcoming OSPE events include:

1. October 18 - "The Power within U A Passion for Life" by American President Bill Clinton
2. November 18 -19 - Engineers' Weekend 2005. The topics cover:
  - a. Leadership Development Day
  - b. Stakeholder Communications, and
  - c. 2005 Ontario Professional Engineers Awards

Refer to <http://www.careercentre.ospe.on.ca/event.cfm> for details

*Remon Shekeib, P.Eng Vice-Chair*

## Finite Element Analysis Report

On June 8 we had a technical seminar, "Finite Element Analysis in Engineering Practice", covering a practical overview of this powerful and versatile computerized method for engineering calculations, simulations, and problem solving.

Finite Element Analysis has evolved from its early use as a sophisticated calculation method in aerospace and nuclear energy industries, to a practical engineering tool, predicting the behavior of a proposed design without having to build and test a physical prototype. Due to advances in computer technology, this method is having an increasing impact on engineering design in most fields of engineering. The seminar was very successful, with attendance of some 40 engineers, mostly from our Chapter, who showed a great interest in this technology. It was given by John Schindler, P.Eng., president of Schindler Technologies Corporation ([www.schindler.ca](http://www.schindler.ca)) - a consulting engineering company specializing in FEA services.

*John Schindler, P.Eng., Past Chair*

## 16<sup>th</sup> Avenue Trunk Sewer Phase II



***We make things happen ..... to serve you better***