



Chapter News

MAY 2013

EAST TORONTO CHAPTER

VOLUME 2013-1

Chair's Message

**Membership in
Our Electronic User Group
–A Mutually Beneficial Relationship**

**Seminar:
Take Back Manufacturing
... to North America**

**Seminar:
Goldring Centre
for High Performance Sport,
St. George Campus,
University of Toronto**

**Seminar:
Metrolinx–The Big Move**

2013 Chapter Board

Chair's Message

The East Toronto Chapter is active throughout the year, delivering quality programs, tours, seminars and social events of interest to our members. Some of the programs we offer include the Government Liaison Program (GLP), Mentorship Program, and Education Outreach. Our New Member Licence Certificate Presentation Committee publicly recognizes and welcomes new members to the profession. Communication is a key function within the chapter, and our Webmaster ensures the chapter website is current and informative. We have an ambitious line-up of seminars this year and are off to a good start with four seminars scheduled in March and April. "Construction Law and the Engineer", "The State of Transit in Toronto", and "Explosion Protection" were well attended and received. Thanks to our presenters and volunteers. Members who attend our seminars receive a certificate of attendance.

Our chapter board members, all of whom are volunteers, play a big role in the success of our activities. We are fortunate to have dedicated and enthusiastic board officers and executive members working as a team organized in various committees. The 2013 board was elected at the AGM on 12 February 2013 and includes re-elected as well as new members. I take this opportunity to welcome

the newest members of the board, Mai-Linh Ho, EIT, Holly Kerlake, EIT, and Dan Mireanu, P.Eng. A warm welcome to Ron Clarkin, P.Eng., who served on the board in the past, left to work abroad, and is now chair of our chapter's Mentorship Committee, whose objective is to bring experienced engineers and engineering interns (EITs) together to assist in the professional development of EITs and provide networking opportunities.

A complete list of the board members and their specific office and/or function/area of responsibility is included in this newsletter. A list of seminars up to the end of June is also included. Please keep the newsletter as a handy reference. The board members are listed with email address and/or telephone number. Please bring to our attention any suggestions you may have to better serve you, our members. The East Toronto Chapter covers the area bounded by Yonge Street to the west, Lake Ontario to the south, Victoria Park to the east and Highway 401 freeway to the north. Membership is open to those professional engineers and engineering interns who live or work within these boundaries.

*Hugo Maureira, P.Eng.
Chair*



Membership in Our Electronic User Group—A Mutually Beneficial Relationship

Hard copy newsletters are expensive to print and to mail, have a negative environmental impact, and are part of an ever-dwindling minority in an electronic universe.

Volume 2007-1 (April) of our hardcopy Newsletter solicited our 2,700 members for their views on whether future chapter newsletters should be printed, both electronic and printed, or solely electronic. There were three reasons for seeking to go electronic: first, the chapter paid \$5,557 to print and mail two Newsletters, each of 2,700 copies, to advise chapter members of the AGM, four tours and seven seminars we hosted in 2006, the total cost of which events was \$4,903—that is the cost of notifying members of the events cost more than the events themselves; second, 90 per cent of people registering for an event did so electronically and there were significantly fewer no-shows, likely due to receiving electronic notifications of events (eblasts) about two weeks prior to each event, rather than having to remember to review a printed newsletter, which could be as much as four months out of date; and third, when 2007-1 went to print, two seminars were still at the early stages of consideration and thus notification was only possible electronically—and both seminars were well attended.

Volume 2007-2 (September) reported the response to the request for feedback: 18 were in favour of going only electronic where possible, two requested both printed and electronic, and two said printed only; and all 22 responded electronically. Issue 2007-2 became a test case, with approximately 1,900 members of our user group receiving only the on-line edition, and the other 800 members being mailed the hardcopy material.

Fast forward five years to 2012: our electronic membership now is about 3,000, and the printed-and-mailed volume remains at about 800. The Newsletter cost decreased to \$2,652, less than half that of 2006. However, both printing and postage costs have climbed steadily higher in these intervening years, rising from about \$1 to \$1.50 on a per-issue basis. (There is an additional cost of \$150 for

hard copies created in print runs of 1,000 an issue, with the extra copies distributed at subsequent chapter events).

The next step to go electronic is to ask those currently receiving the printed-and-mailed newsletter to give an email address to PEO—this confidential material is known ONLY to PEO.

Less than five minutes is needed to register: go to www.peo.on.ca and click on “Licence Holder Services” at the top of the page, then scroll down the page and click on “Licence Holder’s Area”, then click on “Register Now” and type where indicated your PEO #, Date of Birth, Home Telephone Number and Home Postal Code, then, finally, click on “Submit”. You will be directed to a page where you will set up your own Password plus your Security question (in case you forget your password in the future). You then will be directed to “Log in”, where you will type in your PEO # and your Password. On the left side of the screen, click on “Address Information”. If you wish to receive chapter (and PEO) emails at your Home computer, click on “Home Address and Contact Information” and scroll down to the tab “Enter Email Address”. If you wish to receive chapter (and PEO) emails at your Work computer, click on “Business Addresses and Contact Information” and scroll down to the tab “Enter Email Address”. If desired, you can create and enter an email address dedicated solely for chapter communications.

As with all engineering, occasionally there are failures to register. But by following the above steps, if the unforeseen does happen, the member will receive a five digit reference number and a message to call PEO, where their Document Centre will handle these inquiries.

All transmissions from the chapter are sent through PEO’s server. In East Toronto Chapter’s six years of electronic operations, no one in our 3,000-member User Group has ever contacted us about receiving Spam; nor have we ever been advised of the hacking of a member’s address book. We broadcast ONLY chapter-related material. From the head office level, members receive material on PEO election procedures and candidates, plus broadcasts of other material which PEO deems

to be important to members.

We look forward to you joining us in the electronic dimension.

Seminar: Take Back Manufacturing ... to North America

This seminar will explain Take Back Manufacturing initiatives, and how we must all work together to revitalize North American manufacturing sectors, returning them to the economic powerhouses they once were.

The latest expert economic outlook is that localized manufacturing close to our consumer base can be much more competitive than the existing globalized approach. This changed outlook now is resulting in decisions to Reshore products, and to manufacture the next generation of products for the North American market in more localized manufacturing facilities with an integrated supply base.

This seminar will explain the local Canadian imperatives and opportunities to be gained from this new, strong, local manufacturing sector approach, and how this provides an incubator for immersion and leads to a balanced economy by integrating our strong knowledge, service and existing manufacturing bases for maximum competitiveness and prosperity.

As industrialists, engineers and investors, we must be ready for this resurgence of manufacturing in North America, and provide the required knowledge, skills, capacity, technology and infrastructure. This seminar will explain the strong implementation Roadmap needed to ensure success.

Guest Speaker:

**Nigel Southway, C.Eng., IEEE, BIM
Diploma in Management Studies, Bristol
England, Author**

After a career as an engineering manager and change agent at Motorola in the mid ‘80s, Mr. Southway moved to consulting on continuous improvement. He co-authored the textbook “CYCLE TIME MANAGEMENT ... The Fast



Track To Time Based Productivity Improvement” on the concept and implementation of Business Cycle Time reduction. This book became one of the advanced thought-ware that later developed into the more commercial LEAN thinking concepts and application. He has been an architect of change for several major manufacturing companies across many industrial sectors on organizational change and improvement: LEAN, Six Sigma, ERP, DFM, NPI, Technology Transfer, Plant re-organization and relocation.

Mr. Southway has more than 40 years broad business and industry experience. He is the Owner of NEXUS CONSULTING SERVICE, which provides coaching and education on Business Productivity Improvement and Advanced Manufacturing Engineering to all types of business sectors and industries. Nexus helps clients develop a strategy and a vision to attack waste, capture productivity improvements, increase profits, and become more competitive in the global market.

Mr. Southway currently is coaching, consulting and educating worldwide on Business Improvement Initiatives, Joint Ventures, New Product Introduction Systems and Global Technology Transfer projects, with a recent emphasis in China and Russia and, of course, CANADA. He has been a member of the Society of Manufacturing Engineers for many decades, and assists on LEAN thinking and implementation and related Business Improvement topics. He is SME Toronto Chair in 2012-2013, and a member of the SME Executive committee, and recently received the SME Presidents Award.

Mr. Southway is the leading advocate for the Take Back Manufacturing Forum and the North American Re-shoring initiative in Canada.

Date: Wednesday, 22 May 2013

Time: 6:30 p.m. - 9:30 p.m.

Location: S. Walter Stewart Public Library, 170 Memorial Park Ave

Via TTC: From Coxwell Station on Bloor-Danforth subway, take the O’Connor “70” or “70A” or “70B” bus NORTH to the third traffic light (Mortimer), then walk one block north and one block west.

Via Automobile: Limited free parking on north side of library, and on side streets.

Cost: Free. Light Refreshments. Limited to 80 members plus guests.

Please confirm attendance with Hugo Maureira at hmaureira@rogers.com. Please include: 1. your name, 2. your telephone number, and 3. the number of people attending.

Seminar: Goldring Centre for High Performance Sport, St. George Campus, University of Toronto

In the planning stages for several years, the Goldring Centre will house a 2,000-seat indoor arena for international-level basketball and volleyball courts, a relocated and expanded David L. MacIntosh Sport Medicine Clinic, a range of sport and exercise research labs, and a strength and fitness centre accessible to all U of T students. This centre also will be a place where U of T’s growing list of key partners—including the Canadian Sport Centre Ontario, Swim Canada and the Ministry of Health Promotion and Sport—can converge in support of the region’s top athletes.

Currently under construction, this facility is scheduled to be completed in January 2015, and will be used as a venue for the Pan American Games that will be in Toronto six months later. After the games, the facility will be used for sport science research.

Guest Speakers:

Christian Bellini, B.A.Sc., P.Eng.;

David Bowick, B.Eng., P.Eng.;

Michael Feindel, B.Eng., M.Eng., P.Eng.;

and, Shannon Hilchie, P.Eng.

Engineer Bellini has worked for Blackwell Bowick Partnership Limited since 1995, becoming a Principal of the company in 2008. During his tenure, Christian has designed many significant projects that have won numerous awards in both engineering and architecture. His extensive portfolio revolves around recreation centres, libraries, schools and other institutions designed for public use. Projects he has designed include the

Centennial College Library and Administrative Facility, Artscape Wychwood Barns, Toronto Botanical Gardens, Regent Park Community Health Centre, Jackson-Triggs Estate Winery, Claude Watson School for the Arts, Maria A. Shchuka District Library, Agnes Etherington Arts Centre and Killbear Visitors Centre

Engineer Bowick also is a Principal of BBPL. Since beginning his career in 1990, David has received many industry honours, including a three-time recipient of the Wood Works Building the Future engineer award, and has received awards for his work in wood, concrete and architectural steel. Dozens of projects he has worked on have been granted awards in the field of architecture, such as the Perimeter Institute for Theoretical Physics and the French River Visitors Centre (both recipients of the Governor General’s Award). An avid teacher, David is an adjunct professor in the Masters in Architecture program at the University of Toronto. He is a frequent guest speaker on the topics of architecture and engineering, and contributes to the industry through committees and events. His writing has appeared in several publications, including Concrete Toronto.

Engineer Feindel joined Blackwell in 2005, and became an associate in 2010, where his portfolio includes the Ken Cox Community Centre, the Brooklin Library, the Nipissing University Library, Osgoode Hall Law School, Elementary Teachers Federation Office, Goldring High Performance Sports Facility, Branksome Hall, Local Church of Saints and Christ Church in Etobicoke. Mike has also engineered several fabric structures while at Blackwell, such as the Edmonton Stadium Warm Fan Canopy, the KEMH Canopies in Bermuda, and the McMaster Ambulance Canopy in Hamilton. Previously, Mike worked for Ellis Don Corporation and Meades Engineering on projects including the University of Ontario Institute of Technology, the MaRS Heritage Building in Toronto, the Whitby Library, and various Emergency Services Stations in Ontario.

Engineer Hilchie was employed almost 10 years with Blackwell Engineering, three of those as an Associate. As an ETABS modeling expert and Project Manager, she worked on the Canadian Peace Plaza, Goldring Centre for



High Performance Sports and the 30College NCFs Longhouse. Shannon recently joined the Cast Connex Corporation

Date: Wednesday, 05 June 2013

Time: 6:30 p.m. - 9:30 p.m.

Location: S. Walter Stewart Public Library, 170 Memorial Park Ave

Via TTC: From Coxwell Station on Bloor-Danforth subway, take the O'Connor "70" or "70A" or "70B" bus NORTH to the third traffic light (Mortimer), then walk one block north and one block west.

Via Automobile: Limited free parking on north side of library, and on side streets.

Cost: Free. Light Refreshments. Limited to 80 members plus guests.

Please confirm attendance with John Glover, P.Eng., at gloveryyz@gmail.com Please include: 1. your name, 2. your telephone number, and 3. the number of people attending.

Seminar: Metrolinx–The Big Move

Metrolinx is a provincial governmental agency that plans, manages and integrates transportation and public transit in the Greater Toronto and Hamilton Area. Metrolinx merged with GO Transit in 2009. The agency has assumed other key initiatives, including the Presto fare card implementation, the construction of the Air Rail Link, and other transportation and transit improvement projects. Metrolinx is implementing the biggest transit expansion plan in Canadian history, the effect of which goes well beyond trains and buses into every aspect of our society.

Metrolinx's Regional Transportation Plan, The Big Move, is a bold and visionary plan that is about building thriving communities, a sustainable environment and a prosperous, competitive economy.

This seminar will consist of:

- The Big Move as the plan that is getting us

where we need to go

- The over \$16 billion in projects that are already underway
- The \$34 billion worth of projects recently announced as our next wave of projects
- How do we pay for these projects? (a look at best revenue generation tools used around the world)

Guest Speaker: Mathew Bertin, B.A., International Relations

Mr. Bertin is a Community & Stakeholder Relation Specialist at Metrolinx. In this role, he primarily works to build support for the Metrolinx vision and the need for investment in transportation, by developing strong relationships with community partners and stakeholders from across the Greater Toronto and Hamilton Area. He also oversees a number of community initiatives, including public education programs, shop-local campaigns and job training initiatives.

Date: Wednesday, 19 June 2013

Time: 6:30 p.m. - 9:30 p.m.

Location: S. Walter Stewart Public Library, 170 Memorial Park Ave

Via TTC: From Coxwell Station on Bloor-Danforth subway, take the O'Connor "70" or "70A" or "70B" bus NORTH to the third traffic light (Mortimer), then walk one block north and one block west.

Via Automobile: Limited free parking on north side of library, and on side streets.

Cost: Free. Light Refreshments. Limited to 80 members plus guests.

Please confirm attendance with John Bailes, P.Eng., at jdbailes@worldline.ca Please include: 1. your name, 2. your telephone number, and 3. the number of people attending.

2013 Chapter Board

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