



INSTITUTE OF TRANSPORTATION ENGINEERS TORONTO SECTION

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Upcoming Events

ITE Toronto Section / OTC Joint Traffic Software Packages Workshop, Tuesday, November 23, 2010, Richmond Hill

Reserve your schedule for Tuesday, November 23, 2010 as once again the ITE Toronto Section has partnered with the Ontario Traffic Council (OTC) for a joint one-day workshop. The theme this year is Traffic Software Packages. A program has been developed with speakers on a wide range of Transportation/Traffic Modeling software that deal with Transportation Planning and Traffic Engineering. Please refer to the attached workshop agenda for more details and registration information.

Location: Richmond Hill Golf - Country Club, 8905 Bathurst Street (at Hwy 7), Richmond Hill, Ontario. ●

**Annual General Meeting and Christmas Luncheon, Toronto
Cricket Curling and Skating Club, Friday, December 3, 2010**

The 2010 ITE Toronto Section Annual General Meeting and Christmas Luncheon will be held on Friday, December 3, 2010, at 12:00 noon at the Toronto Cricket Curling and Skating Club, 141 Wilson Avenue (just east of Avenue Road), in Toronto. Registration will begin at 11:30 am with seating at noon.

Our speaker this year will be Sue Flack, Managing Director of MRC McLean Hazel in Edinburgh, UK. Qualifying originally as a town planner, Sue focuses on land use and transport integration, with a special interest in sustainable development and city building, working with partners and behaviour change. She has participated in Government advisory groups and is a Policy Advisor for the Campaign for Better Transport.

Key projects have included contributing to the Greater Toronto Regional Transport Strategy; working with ONE North East and partners on regional transport challenges; developing a business plan for an eco town Smarter Choices Company; advising on the South East Queensland Congestion Strategy and transport prioritisation and contributing to a comprehensive plan for the Holy Cities of Mecca and Medina in Saudi Arabia.

Worldwide cities are facing inescapable demographic and economic trends – how can transportation policy and practice keep up?

Sue will be speaking to their recent work with Siemens that developed a concept of 'Complete Mobility' to describe a possible future end-state with user focused, seamless and value added mobility, that works with these identified worldwide trends. They then created a mobility index for world cities, comparing measures of success in achieving this vision with GDP per capita and discovered a clear positive relationship. Recently they have undertaken a further study of 6 Canadian cities (GTHA, Vancouver, Ottawa, Montreal, Calgary and Edmonton), and placed them on the Mobility Index.

The results show a fascinating picture, benchmarking Canadian cities against each other as well as against other world cities. The difference between the Mobility Index and other 'league tables' is that Mobility Index measures are related to a defined end-state – so they are able to put forward proposed pathways to Complete Mobility using best practice examples from other cities – if that is where the city in question wants to be!



2009 Annual General Meeting

For reservations, please contact our Activities Coordinator, Angela Gibson, at angela.gibson@york.ca, or (905) 895-2744 ext. 5902. The deadline for registration is Friday, November 26, 2010, at noon. The cost for this popular event, which always includes a great lunch, is \$45 for ITE members and \$50 for non-members. Payment can be made at the event by cash or cheque, with the cheque payable to the ITE Toronto Section. As always, any persons who register but do not attend will be invoiced. ●

Elections

Election for 2011 ITE Toronto Section Activities Coordinator and Membership Coordinator

The ITE Toronto Section has received four candidate nominations for the two positions on the 2011 Executive. Personal biographies for each of the four candidates are provided in the next section. If you are a member of ITE in the Toronto Section, you are eligible to vote in the upcoming election. Please take the time to read the candidate information and participate in the election.

The election will be held at our 2010 Annual General Meeting and Christmas Luncheon on December 3, 2010. Because there are two positions available on the 2011 ITE Toronto Section Executive, members will be asked to vote for two candidates. The two candidates with the highest number of votes will join the 2011 Executive. The candidate with the highest number of votes will become the 2011 Membership Coordinator and the second highest number of votes will become the 2011 Activities Coordinator.

ITE members will be asked to vote in person at the AGM, however, if you are not able to attend the AGM, you may vote by proxy or participate in the advance poll via e-mail. Advance votes received by e-mail will be accepted by the Elections Coordinator up to and including **December 1, 2010**. To participate in the advance poll, please send an e-mail message to rmehra@ibigroup.com with "2011 ITE Election" in the subject line. You must include the full names of the two candidates you wish to vote for along with your name and ITE membership number.

To vote by proxy, please give a written statement to your proxy including authorization to vote on your behalf and your ITE membership number.

Questions regarding the election procedures may be forward by e-mail or phone to the Elections Coordinator:

Rahul Mehra, ITE Toronto Section, Elections Coordinator 2010
rmehra@ibigroup.com, Phone: 416-596-1930 Ext. 1935. ●

Candidates for ITE Toronto Section (2011) Executive Positions

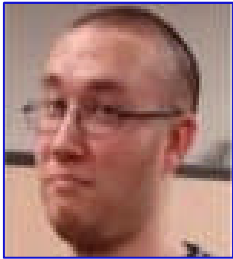


Hubert Ng, B.A.Sc., has been a member of the Transportation Planning Department of the MMM Group as a Transportation Designer since 2006 and he is about to receive his license as a Professional Engineer. Hubert graduated from the University of Toronto in 2006 with a Bachelor of Applied Science degree in Civil Engineering. He established great working relationships during his

short tenure as an EIT in the Engineering Development Program at the Ontario Ministry of Transportation prior to joining MMM. Hubert has had the opportunity to take part in many exciting Transportation Planning and Traffic Engineering projects both locally and internationally while at MMM. He recently completed a one year assignment as a Transportation Designer who was permanently located in Jeddah in the Kingdom of Saudi Arabia. He assisted the MMM Transportation Team in developing a strategic long term Transportation Plan for the Holy Cities of Makkah, Madinah and Al Mashaer. Since his recent return to MMM's office in Thornhill, Hubert is looking forward to this opportunity to make a significant contribution and play an active role as a member of the ITE Toronto Section Executive. Specific objectives he would like to work on if elected include:

- more events geared to young professionals and students, to get them more involved in transportation and ITE
- developing a strategy for meeting members needs across the large Toronto section geography
- technical projects reflecting needs in the GTHA

- more multi-disciplinary meetings on topics of interest like complete streets and active transportation



Sean Nix, B.U.R.Pl., M.Eng., is no stranger to the ITE Toronto Section - particularly when it comes to ITE-sponsored student activities. From 2006 to 2009, Sean served as the President of the Ryerson Institute of Transportation Engineers (the official Ryerson University ITE student chapter), was appointed as a judge for the 2010 Joint ITE Student Presentation Competition, and recently served as a judge for the

CITE 2010 Traffic Bowl. Sean currently works at the Region of Peel as a Technical Analyst in the Traffic Development Group, with over three years of experience in the transportation industry. He holds a Master's degree in Civil Engineering from Ryerson University.



Saad Syed, B.Eng, EIT, is currently employed with URS Canada Inc. as a Graduate Engineer assigned to their Highways Design Group. Saad's experience includes Detailed Design, Preliminary Design, Contract Administration and Water Resources Design on complex freeways and transit facilities. He is also currently enrolled in his last semester of Graduate Studies at Ryerson University and is working on completing his

Masters in Applied Science in Transportation Engineering. Over the 2009 – 2010 academic year, Saad executed the role of President at the Ryerson ITE Student Chapter.

In his role he was responsible for the overall direction and execution of all Ryerson ITE events and activities along with the members of the executive committee. This included hosting guest lectures, presenting to various engineering and planning courses explaining transportation engineering and the ITE program and assisting the Toronto Section of ITE host the

student presentation competition. Additionally, Saad has a vast amount of experience both with activity coordination and membership coordination through his work with the Royal Canadian Army Cadets. Saad is a Captain in the Cadet Instructors Cadre and is currently serving as the Administration Officer of the 180 person strong Queens York Rangers Cadet Corps based in Fort York, Toronto. His current role involves membership coordination, administration of all personnel files, and coordination of all communications with the members of the organization. In the past, Saad has also worked as the Training Officer for the unit where his responsibilities have included the planning and execution of local, provincial and national trips and field training exercises for the cadet corps. This included everything from organizing the activity to establishing all necessary logistical support including location, food and equipment in order to achieve the variety of goals for each event.



Hossein Zarei, P.Eng., M.A.Sc., As a Professional Engineer in Ontario, I have over 8 years of academic and practical professional experience in the fields of Traffic/Road Safety Engineering and Transportation Planning. I graduated from University of Toronto with Master of Applied Science degree in Transportation Engineering in 2007 and for the last three years, I have been working as a Road Safety Engineer with

AECOM Canada. My recent work includes several interesting and comprehensive traffic and road safety engineering projects through my involvement in network screening, before-and-after road / rail safety studies, and road safety audits along with transportation planning (including public transit planning and transportation demand management strategies) and Environmental Assessment (EA) studies. To name a few, I had the opportunity to have a major role in several road safety projects such as "International Road Safety Engineering Countermeasures and Their Applications in the Canadian Context" for which I served as the main author of the final report, and also another project called "Pedestrian Safety at

Rail-Road Grade Crossings” for Transport Canada. In addition to active membership in the Institute of Transportation Engineers (ITE), I volunteer to Road Safety Committee of Ontario (ROSCO) through which I have the opportunity to contribute towards enhancing the level of safety on the Provincial transportation network with respect to all road users and become familiar with well-respected professionals from both public and private sectors.

I am very excited and looking forward to become a member of the ITE Toronto Section Executive, as I believe that the ITE Toronto Section provides each of us with great opportunities to network, learn, share and render service that is of benefit to the others in transportation engineering profession. My intent is to assist ITE Toronto Section to the best of my ability and in my capacity as either the “membership coordinator” or the “activities coordinator” in 2011 and also to continue and expand this involvement in the following years. Finally I would like to take this opportunity to thank you all in advance for putting your trust in me.



Past Events

Recap of Durham Region Traffic Operations Center Visit, Tuesday, October 5, 2010, 101 Consumers Drive, Whitby

The Toronto Section hosted a tour of the Durham Region Central Traffic Control Centre on Tuesday, October 5, 2010, at 101 Consumers Drive, Whitby. The Region of Durham Works Department operates a highly sophisticated computer program that controls over 500 signals in Pickering, Ajax, Whitby, Oshawa, and Clarington. A Centralized Traffic Control System allows multiple traffic control signals to communicate with a central computer so that incidents, such as changes in traffic patterns or signal failures, can be quickly identified and managed.



This breakfast event was free and included a continental breakfast, a tour of the Durham Region Central Traffic Control Centre, and a presentation by Durham Region Operations staff. Special thanks to Bob Szwarc and his team for hosting ITE Toronto Section. ●

ITE Contact Information

If you or one of your colleagues are not receiving the monthly ITE Journal, the quarterly CITE Transportation Talk, periodic web communication correspondence from CITE, and/or the ITE Toronto Section Newsletters, then the contact information we have may not be up to date in our respective databases. ITE International, CITE and the ITE Toronto Section maintain separate membership databases. Every effort is made to keep the three databases “in agreement”; however, there are instances where changes in membership have not been instituted across the databases.



For ITE Journal, Invoicing and other ITE international correspondence, Transportation Talk, and the Web Communications Centre, your current contact information can be viewed and changed at www.ite.org under the “my profile” tab on the left side. It provides information on what your login and password are based on your ITE membership number and name.

For ITE Toronto Section Newsletters, your current contact information can be checked with our Membership Coordinator **Matthew Davis** at matthew.davis@IBIGroup.com. The ITE Toronto Section distributes their correspondence solely by e-mail. If you are receiving the Toronto Section newsletters and your e-mail contact information is correct, then there is no need to confirm mailing address information. ●

Do You...

Have any interesting transportation-related articles or photos that you would like to see in our newsletter? Send them electronically to our Communications Coordinator **Mehemed Delibasic** at m.delibasic@delcan.com.

Have any questions for the ITE Toronto Section? Contact our President **David Argue** at David.Argue@hdrinc.com or Vice-President **Rahul Mehra** at rmehra@ibigroup.com.

Want to learn about Job Posting opportunities offered by the ITE Toronto Section and CITE? Contact our Membership Coordinator **Matthew Davis** at matthew.davis@IBIGroup.com. ●

Your ITE Toronto Section 2010 Executive

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Activities Coordinator	Angela Gibson York Region	Tel: (905) 895-2744 ext. 5902 angela.gibson@york.ca

Past President	Julia Salvini Metrolinx (Greater Toronto Transportation Authority)	Tel: (416) 874-5921 Fax: (416) 874-5901 Julia.Salvini@metrolinx.com
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Ontario Traffic Council
www.otc.org



TRAFFIC SOFTWARE PACKAGES WORKSHOP

A JOINT ONTARIO TRAFFIC COUNCIL & ITE TORONTO EVENT



Richmond Hill Golf Club—Conference Centre

November 23, 2010 - 9:00am—3:30pm

8905 Bathurst Street, Richmond Hill

(Bathurst Street, just north of Hwys. 7 & 407)

Workshop Overview

Ever wonder when to use what type of software for different transportation applications? Do you know the difference between macro programs and deterministic programs? What software should you use to model roundabouts? What do the different type of micro simulation programs do? If you answered no to any of the above questions, this seminar is for you.

ITE Toronto Section and Ontario Traffic Council (OTC) have joined together to bring you a seminar on traffic software packages. Experts from the industry will be discussing macro programs, deterministic programs, roundabout software, and micro simulation.

Please note that additional speakers may be added to the draft agenda below.

Workshop Agenda

- 8:30 – 9:00 Registration and breakfast
- 9:00 – 9:15 Introduction to various types of modeling software, Speaker: Matthew Davis
- 9:15 – 9:45 Macro: EMME/2 - Loy Cheah, York Region
Transcad - Geoffrey Keyworth from Waterloo Region
Visum –
- 9:45 – 10:15 Interactive roundtable on Macro software packages with above speakers
- 10:15 – 10:30 Break
- 10:30 – 11:15 Deterministic – Synchro – Rajnath Bissessar, City of Toronto
CCG—Paul Sarjeant , BA Group
- 11:15 – 12:00 Panel Discussion on Deterministic software packages with above speakers
- 12:00 – 1:00 Lunch
- 1:00 – 1:30 Roundabouts – Rodel, Arcady - Phil Weber, Ourston
Rodel, Arcady, Sidra, Vissum - Goran Nikolic, MTO
- 1:30 – 2:00 Panel Discussion on Roundabout software packages with above speakers
- 2:00 – 2:15 Break
- 2:15 – 3:00 Micro: Simtraffic - Rajnath Bissessar, City of Toronto
Vissim - Rob Pringle, MRC
Vissim - Kenny Ling, TTC
AIMSUN— Yannis Stogios, Delcan
Paramics - Carl Wong, HDR iTRANS
- 3:00 – 3:45 Panel Discussion on Roundabout software packages with above speakers

Traffic Software Packages Workshop

OTC or ITE Members: \$189 + 13% HST

Non-members: \$219 + 13% HST

Students: \$59 + 13% HST

Richmond Hill Golf Club & Conference Centre

November 23, 2010 - 9:00am—3:30pm

8905 Bathurst Street, Richmond Hill

(just north of Highways 7 & 407)

REGISTRATION FORM:

Check if you are: an OTC member _____ ITE member _____

Name _____ Title _____

Organization _____

Address _____ City _____ Postal Code _____

Phone _____ Fax _____ E-mail _____

Method of payment (circle one):

Please invoice me

Please charge my VISA or MC card

Card number Expiry date Name on card _____

Signature _____

Fax your registration form to 647-346-4060 or e-mail marco@otc.org

Online registrations accepted at <http://www.otc.org>

Have a question? Call Marco D'Angelo at 647-346-4050.

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