



# The Toronto Teller

***“You have brains in your head. You have feet in your shoes. You can steer yourself in any direction you choose. You're on your own. And you know what you know. You are the guy who'll decide where to go.”***

**~Dr. Seuss**

*Future Engineers, it is you who creates your own destiny! Make every opportunity count!!*

## March Notables

1. Congratulations to all students who received their Iron Rings this month. It is a great accomplishment! IIE wishes you great success in the future!!
2. There are 3 meetings remaining until the AGM. They will be held at 6pm on April 7, May 12, and June 09, 2008. The location and agenda are TBD but will be emailed out beforehand.

## President's Message

Greetings, everyone!  
Even harsh winter could not slow us down. Last month we had our Toyota Plant Tour and Supply Chain Speakers Night. I would like to thank everyone who in spite of bad weather, made both the programs very successful.

We owe a lot to the society we live in. This month we will extend IIE Toronto Senior Chapter's support to "Dixie Bloor Neighbourhood Centre" in their mentoring partnership program. This program is a collaboration of 10 community and 50 corporate partners (TD Canada, Deloitte, E&Y, Air Canada, etc.) that bring together skilled immigrants and established professionals in occupation-specific mentoring relationships. It is delivered by a coalition of partner organizations in the City of Toronto and the regions of Halton, Peel and York. As a Volunteer Mentor, you could make a significant impact and difference in the life of newcomers, our community and Canada as a whole. Please check out the details at <http://www.dixiebloor.ca/mentoring.html>.

Next month IIE Toronto Senior Chapter is participating as a supporting partner with IDC in running a Green IT event with David Suzuki I would encourage everyone to check the details on the Events page (7). Also, next month we will have our "Wine & Cheese event" on April 10, 08. Make sure to mark your calendars for these upcoming events - we hope to see you there!

Best Wishes,  
~Gaurav Paliwal, President,  
IIE Toronto Senior Chapter (#087)

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### Upcoming Events:

- April - Student Awards Night, Wine & Cheese, Green IT Event
- May - IIE Annual Conference and Expo
- June - AGM

## 2008 Program Schedule

The plans for 2008 have been updated. The following is outline of our objective and program schedule for the year. As we are always looking to improve, please feel free to let us know if you have any ideas for IIE.

Our tactical Objectives for this coming year are:

- Aligning Strategic Plan to the Voice of the Customer (VOC).
- Improve our retention and recruitment activities
- To participate as a chapter in (2) joint activities with other engineering societies
- To speak to or attend (2) community or school event promoting Industrial Engineering
- To improve the chapter member participation as measured by members attending chapter activities
- To improve chapter promotional activities (e-mail, newspaper, etc).

### 2008 Program Schedule

- IIE Region Student Conference (Toronto, ON)
- Strategic Plan Submission
- Toyota Plant Tour
- Chapter Grant Submission
- C.A.R Submission
- Seminar
- National Engineering Week (Woodside Mall)
- RVP Evaluation
- IIE Office Visit Request
- Raptor Night
- Phoenix Award Nomination
- Community/School Event
- Wine & Cheese
- IIE Conference (Vancouver, CA)

Further details surrounding each event or milestone will be provided closer to the date or upon results receipt from IIE.

## C.A.R update

Below is a summary of the "IIE 2007 Chapter Activity Report". Figures indicate that we will finish the year with "GOLD AWARD." This is a result of everyone's contribution. Let's continue the great work into 2008!!

Chapter Activity Area	Possible Points	Score
Plans & Operations	15	15
Chapter Programs	20	19
Membership Communications, Growth, & Retention	27	26
Student Outreach & Community Affairs	18	13
Members, Chapters, & Institute Support	20	10
<b>Total</b>	<b>100</b>	<b>83</b>
The average membership of chapter over the past two years is:		187
This chapter falls into size class:		A
Tentatively, your award prior to certification by the RVP and IIE is:		Gold Award

### Career Connection



**There are no posting at this time please check the next newsletter for new postings.**

For more position listings please visit the IIE website at <http://www.iienet2.org/Chapter/chap087/>

If you would like to post a position please contact [candicelanglois@gmail.com](mailto:candicelanglois@gmail.com)

### March Board Meeting

The March Meeting was held on March 10, 2008 at Casey’s Bar and Grill in the Yorkdale Shopping Centre.

As most of the points of relevance discussed at the Board Meetings are provided through updates and event information, we will no longer be providing details of the minutes in the Newsletter. We will continue to provide any important or relevant information in the Monthly Notables section if necessary. A copy of the minutes can be found on the website at <http://www.iienet2.org/Chapter/chap087/> for those who wish to review this document.

### Budget Update

IIE Toronto Chapter is carefully investing in the period of 2007-2008 to ensure our members have a year worthy of their membership and that our chapter remains sustainable.

The update budget can be found below. As we progress throughout the year, we will continue to provide updates regarding the Chapter’s finances. We are committed to providing great value for our members.

IIE (Toronto Chapter) Total Budget 2007-2008			
Revenue			
	Item	Budget	Actual To Date
	Events	-	\$1,068.75
	Grants and Membership	\$1,500.00	-
	Other	-	-
	Sponsorship	\$1,000.00	-
Expenses			
	Events	\$1,630.00	\$651.92
	Grants and Membership	\$5,100.00	\$4,600.00
	Board Meetings	\$1,000.00	\$342.87
	Other	\$2,120.00	-
	<b>Total</b>	<b>\$7,350.00</b>	<b>\$4526.04</b>



## Student Corner: Ryerson

IIE Ryerson has had an exciting and busy last several months. In early November 2007, the IIE Awareness Night was held, with speakers from HBC, Dycon Systems and the senior chapter of IIE Toronto. The next big event for IIE Ryerson was the 2008 IIE Annual Student Conference hosted at the Toronto Marriott Downtown Eaton Centre Hotel. Students had the opportunity to meet and network with fellow Industrial Engineering student from across the country as well professionals from the industry.

IIE Ryerson organized the first annual Valentine's Dance in early February 2008. This was a fun time for all students, as there was live music by Blind Fold Test and DJ Darren. Later in February with help from the senior chapter of IIE Toronto, a Supply Chain Speaker's Night was hosted at Ryerson University. Guest speakers included Victor Deyglio, President of The Logistics Institute and John Keogh, director of RFID and Supply Chain Solutions at Hewlett-Packard Canada. The speakers covered topics such as elements of supply chain and logistics within a global context, as well as how technology such as RFID can add value to a supply-chain or logistics based organization.

Several events have been planned for the remainder of 2008, which include a Raptor's Night in late March, where the Toronto Raptors face the Detroit Pistons. This will once again serve another opportunity for Ryerson IE students to enjoy an evening with members from the senior chapter of IIE Toronto. To wrap up another busy year at IIE Ryerson, elections for the 2008-2009 IIE Ryerson Cabinet will be held in mid March.

Provided By Shakil Rangrez, IIE Ryerson VP Academic

## Student Corner: U of T

The University of Toronto Student Chapter has been working hard to rebuild its membership and regain student's interest in IIE. But despite extensive planning, event turnout in the previous semester has been very low. Students in all years seem to have just lost interest in the organization.

Over 50 students are accepted each year into the Industrial Engineering program at UofT; this creates a large potential membership base. However, even though IIE is the only professional organization on campus that is geared towards industrial engineers, there are many other professional clubs and societies that attract students, making it hard to attract and maintain a dedicated membership.

The challenges this year are more evident than ever. Despite attractive pricing options and extensive promotion, only a handful of delegates represented UofT at the the Annual IIE Student Conference in Toronto. This is partially attributed to the fact that the conference was in UofT's backyard (Downtown Toronto), which makes it somewhat less of an exciting experience. There was also an engineering semi-formal and an engineering competition hosted that same weekend by other campus groups, and although the IIE conference offers that and more, students were not convinced that IIE is the place to be.

The chapter's executive team was restructured following the poor performance, bringing in several promising individuals that have already started making a difference. On January 23<sup>rd</sup> IIE UofT hosted a Resume Clinic and Skating Night. Although the skating had to be canceled due to extremely cold weather, the Resume Clinic was a great success with over 25 students attending to mingle with upper year students and get their resumes and cover letters reviewed.

A plant tour is planned for early March, as well as a Board Games Night, Corporate Info Session and Raptors Night. The future is looking brighter, but this year's executive committee has their work cut out.

Provided By Alexey Togunov, IIE UofT Senior Advisor

## Feature Articles:

**2008 IIE Student Conference, Competition and Awards****2008 IIE Canada Student Conference**

Students, faculty members, and professionals from all over Eastern Canada gathered in Toronto to attend the annual IIE Canada Student Conference. Much has changed since Ryerson last hosted the event in 2001. There has been an increase in the range of companies that hire industrial engineers, and this range continues to increase. The theme for this year's conference is "the Full Spectrum," reflecting the wide range of industries that hire industrial engineers.

The eight participating universities were: Dalhousie University from Halifax; UQTR, Concordia, ÉTS, Polytechnique from the Province of Québec; and Windsor, U of T, and Ryerson from Ontario. The job fair allowed students to submit resumes and interact with company representatives. The plant tours, and seminars were informative events that allowed students to learn about industrial engineering in the real world. The usual suspects: Loblaws, Canadian Tire, and Hbc showed up, as did auto-parts manufacturer VanRob, UPS, CIBC, Deloitte, and many others.

Besides the professional events, students participated in the fun activities such as the Opening Ceremonies, Wine & Cheese, Semi-Formal Dinner, and three fun nights of clubbing. Participants partied the night away at Piccadilly Circus, Mink, and Level.

How does one measure the success of a conference? There were substantially less confused faces this year than the disorganized mess that was the 2007 Conference. The committee chair claims that Ryerson will break even on the event. Many of the companies that attended the conference have expressed interest in the next conference. If industrial engineering students get hired, then it was successful, and this conference hoopla was well worth it. If you ask the participants, and they tell you that it was one big party, we can also say that it was a great success.

**~Wade Mak, IIE Ryerson Senior Advisor 2007-08**

**Competitions****Engineering Design Competition**

The design competition is the most popular IIE competition presented annually to our delegates. This is an excellent opportunity to mentor some of Canada's brightest minds by exposing them to a realistic challenge in your field.

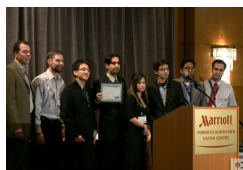
The 28<sup>th</sup> annual conference's design competition was sponsored by **Van-Rob**. The challenge of the engineering design competition was to find an optimal facility & workstation layout for Van-Rob Scarborough Facility to successfully launch three new products.

After a plant tour, teams were informed of their objective and sequestered in their hotel rooms for four hours to arrive at a solution.

After hearing presentations from all teams, a panel of judges selected the winners as follows



**1<sup>st</sup> place- Dalhousie University:** Scott Wetton, Jorge Aguirre, Kendall Murphy, Johnna Campbell



**2<sup>nd</sup> Place- Ryerson University:** Wajeh Rehman, Aileen Lim, Adeel Ahmad, and Richard Fong



**3<sup>rd</sup> Place- Polytechnique:** Valerie Jean-Louis, Marc-Alexandre Laroche, Christine Dupuis, Celian Lefevre

## Feature Articles:

**2008 IIE Student Conference, Competition and Awards****Technical Paper Competition**

This highly respected event enables the winner to advance to the *Institute of Industrial Engineers International Technical Paper Writing Competition held in Vancouver, May 2008*. The objective of this competition is to allow undergraduate students to present a research project accomplished for a specific company or completed at their university.

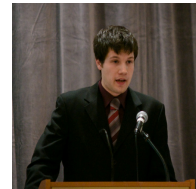


**StraNexus** was the main sponsor of the 2008 regional technical paper competition.

All the 8 participants presented their papers and the judging panel selected the winners as follows:

	<b>Name</b>	<b>University</b>	<b>Title</b>
1	Guillaume Projean	UQTR	Aleris Aluminium Canada L.P.
2	James Friars	Dalhousie U	Manufacturing Planning Computer Simulation of a High Speed Machining Cell
3	Brendan Eagen	University of Windsor	Automotive Seat Foam Process Control

**1<sup>st</sup> place: Guillaume Projean 2<sup>nd</sup> place: James Friars 3<sup>rd</sup> place: Brendan Eagen**

**Awards****Robert F. Moore Award**

This award is given and granted from IIE to the **most active student chapter** of the past year. This is the student's chapter that provides sufficient quality of activities to their members from last year's conference until prior to this present conference.

After reviewing all chapter scrapbooks' and 5-minute videos' the panel of judges selected **ETS (École de technologie supérieure)** as the winner of this year Award.

**Golden « I » Award**

A student chapter that was the most **enthusiastic** and the most **participating** to activities during all the conference weekend will win this prestigious award.

This year winner was **Dalhousie University**.

To see more photos from the conference, please visit: [http://www.flickr.com/photos/davie\\_t/collections/](http://www.flickr.com/photos/davie_t/collections/)

**~Mohammad Kamali, VP Competitions & Sponsorship**

## IIE Events



### 2008 IIE Annual Conference and Expo

May 17th – 21st, 2008  
Westin Bayshore  
Vancouver, British Columbia

The IIE Annual Conference and Expo is the most significant industrial engineering event of the year. This is the ideal place to gather your tools for today, fuel for tomorrow, and network with the best and brightest in your field.

- Educational sessions addressing virtually every aspect of the profession
- Awards to recognize superior achievement of top professionals and students
- An exhibit hall full of products from companies that value industrial engineers

Opportunities to build your network and reconnect with professional acquaintances

For more information please visit [www.iienet2.org/annual2/](http://www.iienet2.org/annual2/).



### Annual IIE Wine & Cheese Reception

Thursday April 10<sup>th</sup>, 2008  
6:30pm

#### Peridot Resto.Lounge

81 Bloor Street East, Toronto  
<http://www.peridotrestolounge.com>

COST : *Students* - \$15 (early bird) / \$20 (at the door)  
*Members* - \$20 (early bird) / \$25 (at the door)  
*Non Members* - \$25 (early bird) / \$30 (at the door)

**Early bird payment can be accepted by PayPal** (see our website for instructions: <http://www.iienet2.org/Chapter/chap087/index.htm>) **or in-person to Laura Chiu**  
**Please RSVP to [Laura.Chiu@cibc.com](mailto:Laura.Chiu@cibc.com)**



### IDC CONFERENCE

#### Green IT event with David Suzuki

April 9-10, 2008  
Science Centre, Toronto

The event focuses on leveraging Information Communication Technology to decrease Canadian organizations' carbon footprint, including discussions regarding smart lighting systems, green data centre planning and management, as well as more efficient power and cooling systems to minimize energy consumption. I would encourage everyone to check the details at [http://www.impactdesign.ca/idc/IDC\\_GreenIT\\_eblast/IDC\\_GreenIT\\_email.html](http://www.impactdesign.ca/idc/IDC_GreenIT_eblast/IDC_GreenIT_email.html)

**IIE Toronto Members Special Offer:** Tickets are **free but spaces are limited**. Please call 1-888-432-2812 or register online at [www.idc.com/youmegreenit](http://www.idc.com/youmegreenit) and enter 'IIEComp' in the special promotion code field.

**For NON-IIE members:** \$495 early bird and \$995 otherwise

Thanks to all those who came out to the **Supply Chain Speakers night** in February. It was truly a success, and the feedback received inspired us to hold more of these types of events for our members.

Special thanks to the Ryerson Student Chapter for helping us set up the venue, and to our speakers: **Victor Deyglio** (*Logistics Institute*) who spoke to us about the global supply chain and logistics management; and to **Chris Smith** (*hbc*) who spoke about Process Engineering and Supply Chain at Hudson's Bay Company.

We will be holding another speakers night in the near future, and we will be **looking for speakers!** Please email [Laura.Chiu@cibc.com](mailto:Laura.Chiu@cibc.com) if you are interested.

We look forward to seeing you at our next event!

~Laura and Anja

### DID YOU KNOW??

Although industrial engineering courses had been taught by multiple universities in the late 1800s, the first department of industrial engineering was established in 1908 at the [Pennsylvania State University](#) by Alex Kaserman.



### IIE TRIVIA!!

Esther Allen Howland is generally credited with being a pioneer in the American valentine manufacturing industry.

**Congratulations to those who answered correctly!**

**NEW!** The first doctorate degree was awarded for industrial engineering in the 1930s by \_\_\_\_\_.

- A. University of Toronto
- B. Harvard University
- C. Cornell University

The solution will follow in the next newsletter, along with another piece of trivia!

### Chapter #87 Executive Board

Position	Name	Email
President	Gaurav Paliwal	<a href="mailto:gpaliwal@van-rob.com">gpaliwal@van-rob.com</a>
President Elect	Kathleen Clough	<a href="mailto:kathleen.clough@hbc.com">kathleen.clough@hbc.com</a>
Treasurer	Wan Ting Gan	<a href="mailto:wanting.gan@hbc.com">wanting.gan@hbc.com</a>
Secretary	Mohammad Kamali	<a href="mailto:mohammadkamali59@yahoo.ca">mohammadkamali59@yahoo.ca</a>
Webmaster	Daniel Lim	<a href="mailto:dlim@van-rob.com">dlim@van-rob.com</a>
Director of Communication	Candice Langlois	<a href="mailto:candice.langlois@gmail.com">candice.langlois@gmail.com</a>
Director of Membership	Ashu Singh	<a href="mailto:ashu.singh@intria.com">ashu.singh@intria.com</a>
Director of Seminars and Events	Laura Chiu	<a href="mailto:Laura.chiu@cibc.com">Laura.chiu@cibc.com</a>
Director of Grants	Ashwini Kumar	<a href="mailto:Ashwinimk@gmail.com">Ashwinimk@gmail.com</a>
Director of Sponsorship	Simon La	<a href="mailto:simon.la@rbc.com">simon.la@rbc.com</a>
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Student Liason - Ryerson	Wade Mak	<a href="mailto:wmak@ryerson.ca">wmak@ryerson.ca</a>

