



**URGENT: Bulletin**  
**Distribution Change**  
see page 2

<http://www.sme-toronto-26.org/>  
[sme26toronto@yahoo.ca](mailto:sme26toronto@yahoo.ca)

## TALK: Types of New Steels in Vehicles Today

*Barry MacCaskill, Product Manager Dofasco,*

*Automotive Market Development & Product Applications*



**5:30 Social, cash bar**

**6:00 Dinner**

**7:00 - 9:00 Talk**

*Thursday April 22, 2004*

*Please sign-up by April 16.*

*Le Navi Restaurante*

*4120 Steeles Avenue West*

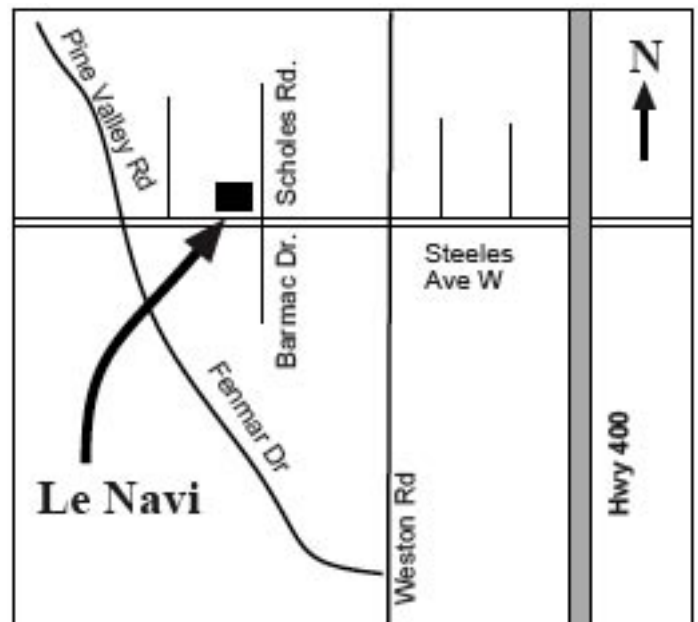
*Woodbridge, Ontario*

*Phone: 905-850-8064*

Barry MacCaskill will talk on the current use and types of new steels in vehicles today, specifically a discussion on the use of Advanced High Strength Steels (AHSS).

Discussion on the impact on the steel industry of raw material costs on the price of steel can be broached in the Q&A.

- \* Graduated from University of Waterloo in 1981 with a Bachelor of Science - Honours Applied Chemistry
- \* Started at Dofasco in May of 1981 and worked through several stops on the Training Program before accepting a full-time placement in Research and Development where he worked on the development of organic coatings for steel applications
- \* Transferred to the Hot Mill in October of 1983 and worked through various positions in the Quality and Technology Groups working on numerous quality and process improvement projects
- \* Transferred to Commercial to work in Market Development in May of 1999 and currently works with an automotive OEM to further advance the use of steel in future vehicles
- \* Barry is a member of ISS and SAE



### Directions:

The restaurant is on the north side of Steeles Avenue, a few blocks west of Highway 400. It has a very large sign.

**Please sign up** with Loris Giuricich by April 16, at 416-448-2225 or e-mail to [Lgiurici@celestica.com](mailto:Lgiurici@celestica.com) \$35 for members (CMTDMF -Canadian Machine Tool,

Die & Mold Federation- included), \$45 for non-members, student members \$25; includes meal tax & gratuity. Comments: send email to: [sme26toronto@yahoo.ca](mailto:sme26toronto@yahoo.ca)

# IMPORTANT ANNOUNCEMENT RE BULLETIN DISTRIBUTION

*Dear Chapter 26 Members,*

One of our major initiatives this year is to tackle the problem of the ever increasing costs to print and mail our Chapter Bulletin, now supported in large part by tour/talk charges.

With this in mind, starting this issue, we are distributing our Bulletin by email. Since this is new for us as well as for you, we would welcome your input. Initially we will send the Bulletin as an email message with a link to a pdf file on our web site. Since some people have virus protection software that automatically deletes all attachments, rather than attach a pdf directly to our email message, we thought it would be more convenient for you to receive an email

## REMAINING THIS SEASON: Topics & Schedule 2003-2004

Thursday May 20: TBA.

\* CMTDMF = Canadian Machine Tool, Die & Mould Federation \*\*PMA = Precision Metal Forming Association

## Upcoming Executive Meetings

EXECUTIVE MEETINGS 2004 6:30 pm start:

**LOCATION:** George Brown College, room E244 For additional information on the next meeting phone 416-535-1593, or [snguyen\\_2050@hotmail.com](mailto:snguyen_2050@hotmail.com)

Wednesday May 5      Wednesday June 2

## Bulletin Copy Deadlines

**NOTE:** Send material to Jenny Ono Suttaby at [jono@jentekcompany.com](mailto:jono@jentekcompany.com) by the following dates for inclusion in the upcoming Chapter Bulletin:

May issue:      by April 15

September issue: by August 20

## Web Resources for Engineers

I've just stumbled on two links that are AMAZING sources for information for engineering...

First is Massachusetts Institute of Technology (MIT) Open Course Ware. MIT has opened ALL of their course material to the public, for free. This is an amazing resource for quality information from one of the top schools in the world. <<http://ocw.mit.edu/index.html>>

Second is "Engineer on a Disk"

<<http://claymore.engineer.gvsu.edu/~jackh/eod/>>

I've been doing a lot of research on these two sites lately and thought I'd pass on the addresses.

*Mark Morreale, GBC Student Representative*

notice giving a link where the Bulletin will be available for download at your convenience.

This month we are sending an email notice of the April Bulletin to all those whose email addresses we have and sending a hard copies *only* to those without email addresses.

If you DO NOT wish to receive a Bulletin notice by email, please call me at 416-535-1593 or send email to me at [snguyen\\_2050@hotmail.com](mailto:snguyen_2050@hotmail.com) to arrange receipt of a hard copy.

Warm regards,

*Son Nguyen, Chair, SME Chapter 26 Toronto*

## Your Company flyer - Enclosure Special Offer!!

Chapter 26 is offering companies the opportunity to enclose their company flyer in our monthly Bulletin mailing, either as hard copy or by e-mail. We have a special offer for the coming year. Enclosure in

one issue:	\$300
four issues:	\$1000
eight issues	\$1800

We mail Bulletins 8 times a year (Sept., Oct, Nov, Dec/Jan, Feb, Mar, April, May) to nearly 500 manufacturing professionals in the GTA. For more information please get in touch with Ken Kogej, 416-274-2540 or [Ken-dante.msn@attcanada.net](mailto:Ken-dante.msn@attcanada.net)

The piece to be included must meet the following criteria:

- 500 folded flyers ready for stuffing into a #10 envelope supplied by 1 week after copy deadline.
- Is of interest to our membership - is manufacturing oriented (we don't want life insurance or travel brochures)
- Weighs less than 3 sheets of 8.5 x 11 in 20 lb bond paper. Larger items could be negotiated.
- E-mail addresses or links to web sites must be fully check and functional.
- We reserve the right to reject pieces we do not feel to be consistent with our professional goals and objectives.
- We reserve the right to change any of the above items without prior notice.

### **Non-members can subscribe:**

Price: \$2.50 Cdn. (included in the price of membership)

Annual subscription to this Bulletin \$20 (8 issues) SME Membership \$85 USD available at: [www.sme.org](http://www.sme.org) or 313-271-1500

### **The SME Chapter 26 Bulletin**

The SME Chapter 26 Bulletin is published eight or nine times a season by the Toronto Chapter of the Society of Manufacturing Engineers (SME). The SME provides support for people and industries in manufacturing by providing opportunities for networking, professional development and technical information. Headquarters of this 70 year old professional society are in Dearborn, Michigan. For more information or to join, phone or email the Chapter Chair, Son Nguyen, at 416-535-1593 [snguyen\\_2050@hotmail.com](mailto:snguyen_2050@hotmail.com) or Headquarters at 1-800-733-4763. Talks and tours put on by the Chapter are listed on the Chapter web site at [www.sme-toronto-26.org](http://www.sme-toronto-26.org) Headquarters web site is at [www.sme.org](http://www.sme.org)

# EXECUTIVE LIST

Office	Name	Company	Phone	E-mail
Chair	Son Nguyen		416-535-1593	snguyen_2050@hotmail.com
Chair Elect	Farhad Shafiei	Commercial Roll Fmd Prod	905-790-5665	fshafiei@commercialroll.com
Secretary	Rick Marmeï	Axis Design	416-291-5866	rmarmeï@axis-design.org
Treasurer	Wen Chen	SNS Paragon	416-242-6659	w.chen@utoronto.ca
Secretary-assist.	Paul Ellis	Tristar Metal Stampings Inc.	905-853-5583	pauellis7@hotmail.com
Education	George C. Heintzman	Systems Consultant	416-467-8298	gheintzman@sympatico.ca
Programs Chair	Ken Kogej	Fuchs Lubricants Canada Ltd.	416-274-2540	Ken-dante.msn@attcanada.net
Programs-Tours	Loris Giuricich	Celestica Inc.	416-448-2225	Lgiurici@celestica.com
Programs	George C. Heintzman	Systems Consultant	416-467-8298	gheintzman@sympatico.ca
Sponsorship Ctte	Bruce Keeling		705-487-3970	bandi@sympatico.ca
Sponsorship Ctte	Joe Benedetto	JRB Enterprises	416-267-2102	jrbone@attglobal.net
Sponsorship Ctte	Son Nguyen		416-922-3560	snguyen_2050@hotmail.com
Executive Advisor	Joe Benedetto	JRB Enterprises	416-267-2102	jrbone@attglobal.net
RP Liaison	Vesna Cota	Tyco Electronics Canada Ltd.	905-474-5541	vcota@tycoelectronics.com
Bulletin & Web Site	Jenny Ono Suttaby	Jentek Company	416-761-1810	jono@jentekcompany.com
Bulletin-Assist	Adam Poon	AEC Automation Controls Inc.	905-479-5128	adampoon@canada.com
GBC Student Rep	Mark Morreale	GBC	416-654-3310	mark.morreale@sympatico.ca
U of Toronto Stu Advisor	Beno Benhabib	Professor	416-978-3447	beno@mie.utoronto.ca
Chair U of T Stu Ch	Paraneeta Nayyar	U of T Student	905-770-6371	sme_exec@yahoo.ca
Ryerson U Stu Advisor	Farrokh Sharifi	Professor	416-979-5265	fsharifi@acs.ryerson.ca
Chair Ryerson Stu Ch 165	Jason Samara	Ryerson Student	416-282-0122	msamara@iprimus.ca

Our continuing thanks to Professor Mark Fox, U of T, for hosting the Chapter's web site on his server at <http://www.novator.com>

## Honda of Canada Mfg. (HCM) Tour

We had a great opportunity to see firsthand the impressive car manufacturing facilities of Honda of Canada Ltd. They produce the Honda MDX, Odyssey, and Pilot in Plant #2 and Honda Civics in Plant #1. The SME members attending got to tour Plant #1. As with most of our tours we had a large turnout and were fully booked.

Mr. Soichiro Honda who lived from 1906-1991 originally founded Honda. He arrived in Canada in 1989. Their cars have been produced for 17 years in Canada. In 1986, Honda started to manufacture the Grey Accord Sedan. They celebrated their 10-year anniversary on October of 1996.

Honda has 130 facilities in 52 countries and has been awarded as the largest engine manufacturer in the world. The 1,000,000th manufactured car rolled off the Alliston plant line in 1997. Its annual production totals 390,000 cars, making a rate of 1600 cars a day. They have achieved excellence awards in JIT (Just In Time production), Lean Manufacturing, Kisen systems, Reach, Hawkeye and Pride programs. The plant workers are trying to reduce waste

from 95% to 100% by implementing recycling and minimal packaging programs. The Alliston plant employs 4300 people.

The company is also the largest motorcycle manufacturer in the world.

During the tour we saw a car manufactured all the way from sheets of flat metal to stamped, welded, assembled, painted, quality control tested and driven off the line as a new car ready for the showroom.

We were also brought through the stamping area where we got to see large transfer presses forming the outer body shells.

The tour was well organized with excellent and knowledgeable guides. Once again we would like to express our thanks for allowing us to see how Honda makes cars

*Rick Marmeï - Mold Designer  
Secretary, Toronto 26  
rmarmeï@axis-design.org*

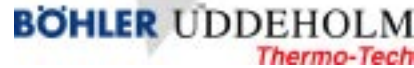
## NB: Please! Update your information

Please check that your information in the SME headquarters database is correct or renew your membership online!

Phone toll free: 1-800-733-4763 or log on to the Web site: [www.sme.org/](http://www.sme.org/)

# Many Thanks to our *BULLETIN PUBLICATION* and *WEB SITE*

## SPONSORS:



Information and links at: [www.sme-toronto-26.org/](http://www.sme-toronto-26.org/)

## Student Chapter S134 at The University of Toronto

The goal of the University of Toronto Chapter is to introduce Engineering students to the manufacturing industry; provide resources for students looking for manufacturing related jobs, and connect students with similar interests. Our committee comprises of students from a variety of undergraduate disciplines such as industrial engineering, mechanical engineering and engineering science. All the students from 1st to 4th year actively participate in the activities.

The chapter has organized various plant tours to General Motors in Oshawa, Collins & Aikman in Scarborough and recently to Bombardier Aerospace in North York. All the tours were excellent and were really enjoyed by the students. The tours are a great way to understand how engineering knowledge acquired at university is applied in various fields of automobile, aerospace and telecommunications industries.

The executive team organized various networking sessions to inform students about developments in the manufacturing industry. We recently organized a networking event for the engineering undergraduate students at U of T, which was very successful. We had great, enthusiastic speakers who shared their experiences in design engineering and engineering management. In their speeches, all the speakers

stressed the importance of applying our knowledge, developing strong communication skills and being professional. SME has provided us with a great chance to enhance our communication skills while being professional. We learn to conduct ourselves professionally while meeting with engineers from the industry and enhance our communication skills by arranging events and presenting our society to the students at these events. Moreover, active participation in SME events has taught us leadership and time-management skills, which will be a strong asset in the workforce.

Most of the students from the executive team are looking forward to starting their year long internship through Professional Experience Year (PEY program) at major companies such as Husky Injection Molding Systems and Petro-Canada. A few students have successfully completed their 4 years of undergraduate engineering and are looking forward to starting their careers.

In the upcoming years, we will continue with our informative plant tours and networking events and will expand our horizons in the manufacturing industry.

Visit the University of Toronto Chapter at <http://www.ecf.utoronto.ca/~utsme/>

*The SME UofT Chapter Chair, Parineeta Nayyar, can be contacted at [sme\\_exec@yahoo.ca](mailto:sme_exec@yahoo.ca)*

## Canadian Subsidy Directory, Year 2004 Edition

The new edition, ISBN 2-922870-05-7, is the most complete and affordable reference for anyone looking for financial support. It is the most comprehensive tool to start up a busi-

ness, improve existent activities, set up a business plan, or obtain assistance from experts. The Canadian Subsidy Directory is sold \$ 69.95, to obtain a copy please call: Canada Books 450-224-9275

## Joseph R. Benedetto Scholarship

The Application Form for the Joseph R. Benedetto Scholarship is available on the chapter web site at [www.sme-toronto-26.org](http://www.sme-toronto-26.org). Students: we invite you to apply.