

# SOCIETY of MANUFACTURING ENGINEERS TORONTO CHAPTER 26



65TH ANNIVERSARY

Web: [www.sme-toronto-26.org/](http://www.sme-toronto-26.org/)

Oct. 2005

E-mail: [sme26toronto@yahoo.ca](mailto:sme26toronto@yahoo.ca)

## Stampco Manufacturing Tour

**October 27, 2005, 6:30**

555 Petrolia Rd. Unit #3, Downsview, Ontario, M3J 2X8

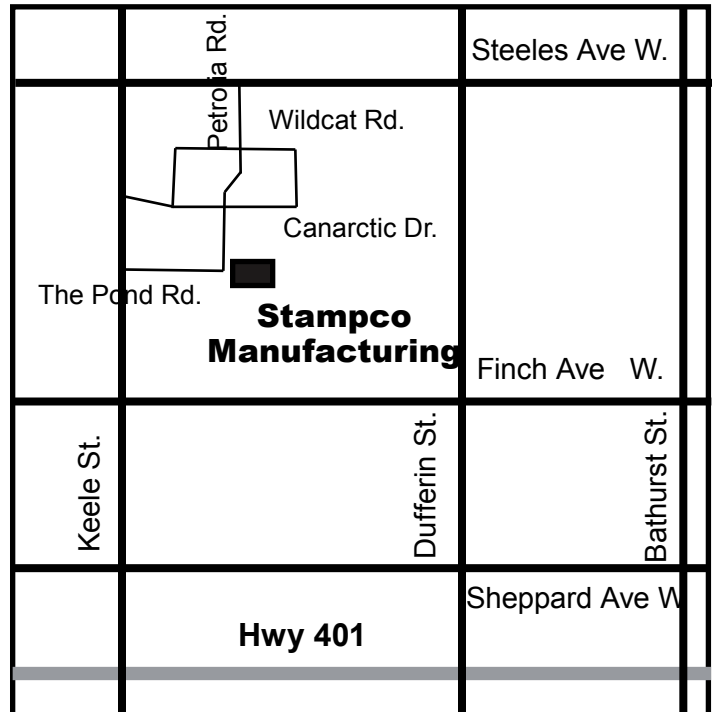
[www.stampcomfg.com](http://www.stampcomfg.com)

### About Stampco Manufacturing:

Founded in 1995, Stampco Manufacturing is one of the main supplier of stamped, roll formed and fabricated steel office furniture components for Teknion group. Stampco has a variety of processes and systems in place to support the customer's requirements ranging from straightforward stamped parts to complex assemblies. Some of the manufacturing processes includes: metal stamping (progressive, compound and transfer), roll forming, robotic welding, laser cutting, turret punching, tube slotting, brake forming and automated assembling. This facility is ISO 9001 and ISO 1400 registered.

Space on the tour is limited (35), so you must register for this event in advance. Preference will be given to SME members. Last day to register is October 22, 2005. Anyone registering for the tour should provide in advance the following information: Name and name of company they are representing.

It is essential that all tour guests wear the personal protective equipment provided, and that they follow the instructions of the tour guides for the other Stampco associates at all times.



### Stampco Manufacturing

555 Petrolia Road, Unit #3  
Downsview, Ontario, M3J 2X8

### Directions:

Take 401 and exit at Keele St. Keep driving north on Keele St. Make a right at Canarctic Dr. (Canarctic Dr. is across York Blvd. north of Finch St. and south of Steels Ave). Keep driving east on Canarctic Dr. Make a right at second intersection to Petrolia Road. Stampco located at the end of the

road No.555, unit #3. Park at rear side of building. Please sign in at reception between 6:00 and 6:30 p.m. Tour begins at 6:35

*Reservations Required by September 15. Please contact Loris Giuricich to get your name on the tour list at:*

*416-448-2225 or e-mail to [Lgiurici@celestica.com](mailto:Lgiurici@celestica.com)*

*\$12 for members (CMTDMF -Canadian Machine Tool, Die & Mold Federation- included), \$18 for non-members, student members \$6.*

# 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/)

## EXECUTIVE LIST *Please note changes \*\**

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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>

### SME Tour to Goodrich Landing Gear

On Thursday, Sept. 29th the SME Toronto held a tour at one of the largest landing gear manufacturers here in Canada. Approximately 20 people had the opportunity to enjoy this very interesting tour. The Oakville facility is the engineering and manufacturing center for landing gears for regional aircraft, business jets like Airbus and Boeing.

On behalf of SME members we would like to take the opportunity to thank Bhuwan Jain of Goodrich Landing Gear for providing a very informative, and in depth tour of this large and modern facility.

### Bulletin Copy Deadlines

**NOTE:** Send material to David Lau at [ytlau23@yahoo.ca](mailto:ytlau23@yahoo.ca) by the following dates for inclusion in the upcoming Chapter Bulletin:

Oct issue: by Oct 24, 2005

### 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)

## **FIRST at Wonderland**

On Sept. 24, 2005, there was a F.I.R.S.T. Robotics Student competition held at Canada's Wonderland and it was a full day event. The teams are sponsored by companies such as GM, Magna, Bimba Cylinders etc. Chapter 26 is also recently sponsoring them so we sent out two people to see the event. The events are very enthusiastic and have a lot of music and energy that keeps the students all rallied up for the competition.

The robots themselves were designed and built by the students with help from mentors from Industry, Collage, Universities and teachers. The robots are designed utilizing electronic systems, PC interfaces, cameras, Pneumatic systems, and Standard Remote control systems. The robots were designed to function with a remote control or with no operator using programming. This mode is called autonomous mode and is completely without an operator. The components are donated by the sponsors and are regulated so that the teams have equivalent components.

There were 21 competing teams of approximately 10 people (210 students) and 18 rounds of competition. The teams are high school levels K-13. The competition was very similar to a basketball game in which there were two teams and they are competing to gain the most points against one another. Points are gained by the robot placing a tetrahedron on goals distributed across the playing field. There were also special competitions for speed and tallest reach. The games involved a point and penalty system to promote fair play. There was one point per goal and if the robot performed a special task it would receive bonus points. It also utilized the team concept on many levels including engineering, building, operation and maintenance.

On Nov. 26th 2005 there will be a First Lego Robotics Competition at the Science Center. Watching these events is really interesting and educational. They inspire both girls and boys at a young age to further themselves into the technical fields. Both the students and parents get a lot out of it. One parent said that he was so glad that he involved his kids in this program they really enjoy it and learn at the same time. If you are interested in this topic or mentoring/sponsoring a team please contact the SME chapter secretary for more details.

Rick Marmeï – Tool Designer – Chapter #26 Secretary  
Rmarmeï@axis-design.org

## **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/)

\$1000 dollars is to be awarded each spring to a Toronto area student member of SME who demonstrates potential and an intention of contributing to Canadian Manufacturing.

## **Topics & Schedule 2005-2006**

**Talk: Kinametal and Ingersol** Thursday November 47, 2005, 5:30 meet and greet, 6 pm dinner, talk 7 pm

**Talk: Grinding - John Manly** January 26, 2006 5:30 meet and greet, 6 pm dinner, talk 7 pm

**Tour or Talk: Rapid Prototyping** , Thursday February 23, 2006, Time: TBA

**Tour: Automotive - Honda** Thursday March 23, 2006, Time: TBA

**Talk: Gauging AVH - Keith Depui** Thursday April 27, 2006, Time: TBA

## **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.kogej@sympatico.ca](mailto:ken.kogej@sympatico.ca)

The piece to be included must meet the following criteria:

- 250 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

This award is being given by Toronto Chapter 26 of The Society of Manufacturing Engineers (SME). The purpose of SME is to promote excellence in manufacturing and to advance the profession of its sponsors and members.

Questions? Please get in touch with Ken Kogej 416-553-2440, [ken.kogej@sympatico.ca](mailto:ken.kogej@sympatico.ca)