



WEB: [www.sme-toronto-26.org/](http://www.sme-toronto-26.org/)  
E-MAIL: [sme26toronto@yahoo.ca](mailto:sme26toronto@yahoo.ca)



## TALK: Application of Superabrasives to Production Applications

*Speaker: John Manley, Machine Tool Systems Inc., Toronto, Ontario.  
[www.MachineToolSystems.com](http://www.MachineToolSystems.com)*

*(Elections for the new Chapter Executive will be held before the talk, see page 2.)*

Thursday evening, November 18, 2004

5:30 pm Meet and network;

6 pm Dinner;

7 pm Talk

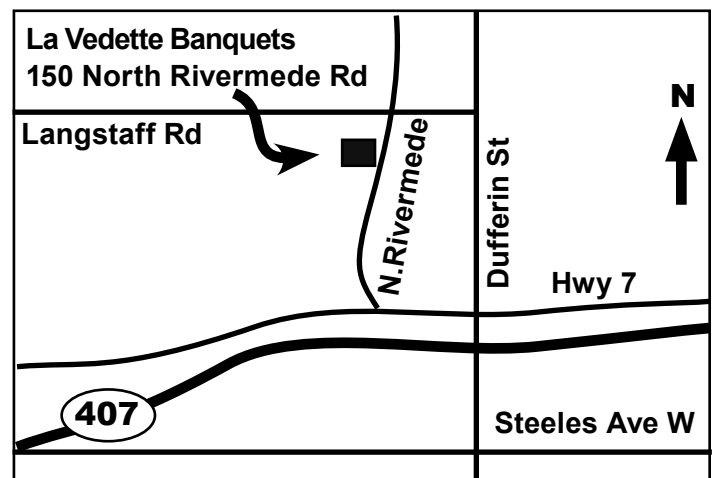
Please sign-up by November 15.

La Vedette Banquets  
150 North Rivermede Road  
Phone: 416-324-3224

John Manley, founder and sole proprietor of Machine Tool Systems Inc., specializes in “precision and production grinding”, abrasives and filtration systems. John was a technical writer for Canadian Machinery and Metalworking Magazine for “Tech Talk”, and focused on grinding technology. He has been a board member of CMTDA since 2002, an advisory board member of United Grinding Technologies Inc., and has represented many companies throughout Canada.

Some of his specialties have been Machine Tool Distributor Sales – Niagara Region; focused on CNC metalworking machinery and automation; Machine Tool Distributor Sales – Greater Toronto Area; CNC grinding; Walter Grinders, Inc. (manufacturer of CNC Tool & Cutter Grinders)

He was stationed in Ann Arbor, Michigan and managed Michigan and Central Canadian markets for applications/sales, was North American Automotive accounts manager and co-designer of tool rooms for GM and Ford.



Directions:

La Vedette Banquets is located just south of Langstaff Road on the west side of Rivermede Road.

\* Please sign up with Loris Giuricich by Nov. 15, 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..

Comments: send email to: [sme26toronto@yahoo.ca](mailto:sme26toronto@yahoo.ca)

## Topics & Schedule 2004-2005

**Talk: Machining.** Thursday January 20, 2005, 5:30 meet and greet, 6 pm dinner, talk 7 pm. Confirmed.

**Talk: Press Manufacturing (stamping)**  
Thursday February 17, 2005, 7 pm

**Tour: Automotive plant** TBA, Thursday March 17, 2005. Time TBA.

**Tour: ABB Robotics**, Thursday April 21, 2005, 7 pm. Confirmed. 201 Westcreek Blvd., Brampton.

**Tour:** Hydroforming, Thursday May 19, 2005, 7 pm.

## Bulletin Copy Deadlines

**NOTE:** Send material to Parineeta Nayyar at [sme\\_exec@yahoo.ca](mailto:sme_exec@yahoo.ca) by the following dates for inclusion in the upcoming Chapter Bulletins and web site posting:

December/January issue: by November 15

February 2005 issue: by January 15 '05

March issue: by February 15.

April issue: by March 15

May issue: by April 15

## Upcoming Executive Meetings

### MARK YOUR CALENDARS!

**EXECUTIVE MEETINGS 2004 6:30 pm start - all the first Wednesday of the month:**

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

Dec 1 2004                      Apr 6 2005

Jan 5 2005                      May 4 2005

Feb 2 2005                      Jun 1 2005

Mar 2 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)

### 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

## Canadian Subsidy Directory Now Available

The Canadian Subsidy Directory is now available. This publication contains more than 2600 listings of grants and loans offered by government departments, foundations and associations.

The American Grants and Loans Directory is also available for the United States.

The publication is sold for \$69.95 To obtain a copy please call: 450-224-9275

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Or: [www.mgpublishing.net/electronic%20or%20hardcopy%20english.htm](http://www.mgpublishing.net/electronic%20or%20hardcopy%20english.htm) (all on one line in your browser address field.)

## Slate of Nominees for 2005:

Nominations will be open from the floor. Nominees must be present, give their permission to be nominated and have a seconder. To date, nominations for 2005 are:

Wen (Wendy) Chen, Chair Elect

Rick Marme, Secretary.

The position of Chair will be filled automatically by Farhad Shafiei, the Chair Elect this year. The position of Treasurer is open for nominations.

## 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 prior notice.

# EXECUTIVE LIST

*Note change \*\*\**

Office	Name	Company	Phone	E-mail
Chair	Son Nguyen		416-535-1593	snguyen_2050@yahoo.com ***
Chair Elect	Farhad Shafiei	Commercial Roll Fmd Prod	905-790-5665	fshafiei@commercialroll.com
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Treasurer	Wen (Wendy) Chen	Paragon Systems	416-233-3203	w.chen@utoronto.ca
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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 [www.novator.com](http://www.novator.com)

## Professional Development Conference, New Jersey

The SME recently held its third Professional Development Conference at the New Jersey Institute of Technology in Newark, New Jersey, from October 2-3, 2004.

The conference focused on professional development as the title suggests. Sessions were organized to give the attendees some tips on communication skills, project management skills, and web design.

Another important aspect of this conference was the Research Paper Competition and the Display Competition. Students began their preparations months ahead in July when they were asked to submit abstracts for the competition. Over the next two months, students prepared their displays and technical research papers. I had the oppor-

tunity to present my paper on "An Era of Micro Injection Molding". The judges evaluated the technical content and presentation delivery. All of the presentations were enjoyed by the judges and all the participants were awarded for their participation.

I was fortunate enough to be awarded the first prize for my research paper. Overall, the conference was a great event to attend for all the engineers. We now look forward to the next great Professional Development Conference! Thanks to SME!

*Parineeta Nayyar*  
*Chair, U. of T. Student Chapter*  
*sme\_exec@yahoo.ca*

## Special Note to Educators:

We welcome educators. We believe our organization offers a unique opportunity for you to keep up with changes in manufacturing.

You can join the organization on line at [www.sme.org](http://www.sme.org) (see top right corner for "Join SME today"). An interest in manufacturing is the basic qualification needed to join.

Check our chapter web site for upcoming programs - talks and tours - at [www.sme-toronto-26.org](http://www.sme-toronto-26.org). These are attended both by people in manufacturing and students from Ryerson University, George Brown College, and University of Toronto, among others. There is excellent opportunity for networking at these stimulating events. Please introduce yourself known to the executive.

# 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/)

## Wind Power in Canada - Renewable Energy

Interest in wind power as a promising source of electricity has grown significantly over the past few years. In the past decade alone, Canada has installed about 200 megawatts of wind energy capacity. The Government of Canada's Wind Power Production Incentive (WPPI), announced in the December 2001 budget, is intended to encourage electric utilities, independent power producers and other stakeholders to gain experience in this emerging and promising energy source.

WPPI will provide financial support for the installation of 1,000 megawatts of new capacity over the next five years. The incentive will cover approximately half of the current cost of the premium for wind energy in Canada compared to conventional sources. This incentive will be available to electricity producers for the first ten years of a project.

### Objectives and Benefits of the WPPI

The WPPI was created to help Canada reduce its direct greenhouse gas (GHG) emissions by encouraging the development of wind energy, which does not produce emissions. The incentive will also help establish wind energy as a full-fledged competitor in the electricity marketplace.

The WPPI encourages participation from prospective producers in all regions and is expected to leverage approximately \$1.5 billion in capital investments across Canada. The terms and conditions of the initiative benefited from the input of 50 stakeholders during technical consultations earlier this year.

By displacing other electricity sources and through continued momentum, wind power capacity installed under WPPI, is projected to reduce GHG emissions by three megatonnes annually by 2010.

### Program Operation

Natural Resources Canada (NRCan) will implement this

program and ensure that energy producers in every province and territory have the opportunity to take advantage of it.

To be eligible for the incentive, the prospective producer must negotiate and sign a contribution agreement with NRCan. The agreement contains the following criteria, among others, for setting up a wind farm:

1. the wind farm must be commissioned between April 1, 2002, and March 31, 2007;
2. the wind farm must be independently metered at the point of interconnection with the electricity grid; and
3. the wind farm must have a minimum nameplate capacity of 500 kilowatts. In northern and remote locations, the minimum capacity is 20 kilowatts.

To encourage regional participation, the program has set a minimum and maximum capacity for every province and territory, which will be reviewed on an ongoing basis.

### Terms of the Incentive

The amount of the incentive is about half of the current estimated cost premium for wind energy in Canada for facilities with good wind sources. The incentive is structured to reflect the decline in premiums for wind energy over time. The incentive can be claimed for every kilowatt-hour of net production during the first ten years of production. More information can be found at: [www.canren.gc.ca/programs/index.asp?CaId=107](http://www.canren.gc.ca/programs/index.asp?CaId=107)

The WPPI is expected to motivate provincial and territorial governments, electric utilities, retailers and power consumers to act and participate in similar programs.

*(This information was taken directly from the Canadian Government Natural Resources web site at [www.canren.gc.ca/programs/index.asp?CaId=107](http://www.canren.gc.ca/programs/index.asp?CaId=107). Ed.)*