



65TH ANNIVERSARY

Web: www.sme-toronto-26.org/

Sept 2005

E-mail: sme26toronto@yahoo.ca

Goodrich Landing Gear Tour

Sept 29, 2005, 6:30 pm

1400 South Service Rd. West, Oakville, Ont., L6L 5Y7

About Goodrich:

Goodrich Landing Gear is a world leader in the design, manufacture and testing of integrated, state-of-the-art Landing Gear Systems. The Oakville site is the engineering and manufacturing center for landing gears for regional aircraft, business jets, and international customers (e.g. Airbus). Manufacturing responsibilities also include landing gears for Boeing commercial aircraft such as the 737, 767, and 777.

The tour will include manufacturing and assembly, and cover a wide range of products, including the Airbus A380 Wing and Body landing gears.

Please Note:

Space on the tour is limited (40), so you must register for this event in advance. Preference will be given to SME members. Last day to register is September 15th (space permitting). In order to comply with ITAR regulations, anyone registering for the tour should forward in advance following information:

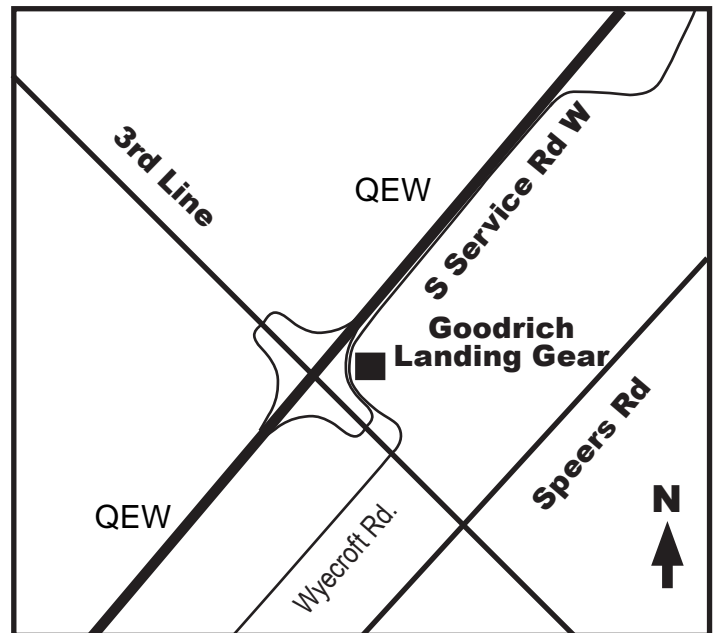
- Legal name as it appears on their passport
- Country(s) of citizenship
- Name of company they are representing (if applicable) and place that company is based and where it was incorporated.

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

6:30 to 7:00 p.m. - Sign in at Security Guardhouse Enter through Lobby. 7:05 p.m. Tour Begins

Goodrich Landing Gear

1400 South Service Road West
Oakville, Ontario L6L 5Y7



Directions:

Take 403 or 427 to QEW, and follow QEW west to Oakville. Exit at 3rd Line (Exit 113) and make a left turn to the south onto 3rd Line. After, make a left turn to South Service rd. west. Goodrich is on the right. If you reach Fourth Line you have gone too far!

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

\$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/

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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>

Fuel Cell Summit 2005

Fuel Cell Summit 2005, Uncasville, CT, Oct. 23-25, 2005.

The Fuel Cell Summit 2005 is to create a working environment that initiates ideas and solutions to barriers in an effort to advance the fuel cell industry. This will eventually lead to deployment by bringing together key industry players such as fuel cell developers, end users customers, researchers, and the supply chain.

The 2005 summit highlights the latest technical advancements in hydrogen storage & fuel cell components, connect with technology investors & venture capitalists, and participate in interactive tours and networking opportunities. For complete program details, visit <http://www.fuelcellsummit.com>

Questions? Contact Dan Radomski at training@sme.org or call (313) 425-3147.

Bulletin Copy Deadlines

NOTE: Send material to David Lau at ytlau23@yahoo.ca by the following dates for inclusion in the upcoming Chapter Bulletin:

Oct issue: by Sept 20, 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, Farhad Shafiei at 416-881-8065 fshafiei@commercialroll.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 Headquarters web site is at www.sme.org

FIRST

FIRST (For inspiration and Recognition of Science and Technology) is a nonprofit organization dedicated to getting students excited about Science, Engineering and Technology.

In Canada, FIRST sponsors Robotics Competitions for High School students and LEGO events for the Elementary level students. The High School competition begins with a six week "build" period. This takes place starting the second week of January and ends mid February. The High School Teams have to conceptualize, design and build their robot to complete a specific set of game tasks. This changes each year and is not announced until the start of the build period. Each team is given a basic "kit of parts" as a starting point.

Many of the teams require mentors to be successful. Some of our mentors currently come from General Motors and MD Robotics (Space Missions). FIRST in Canada would welcome assistance from interested SME mentors for any team right across the GTA.

This exciting and addictive opportunity would involve 1 or 2 nights a week for the 6 week build period. The competitions are then held in March.

For a chance to experience the addictive opportunity, on September 24, 2005 FIRST Robotics Canada will be holding an invitational Robotics Competition at Canada's Wonderland. It will feature 24 teams from the last season's event competing against each other. If you would like to attend the event please contact SME Secretary Rick Marme for ticket information. Tickets are \$25 for the day and includes full Park admission.

If you would like to become involved in mentoring a team please contact Vance Scott at vance.scott@tel.tdsb.on.ca

*Vance Scott
FIRST Robotics Administrator
Toronto District School Board
140 Borough Dr - Level 1
Toronto, Ontario
M1P 4N6
(416) 396-5907*

Topics & Schedule 2005-2006

Tour: StampCo. Thursday October 27, 2005, Time: TBA

Talk: Kinametal and Ingersol Thursday November 4, 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

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

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

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/

\$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.

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

“ENGINEERING PROJECT MANAGEMENT – LESSONS LEARNED”

In an unprecedented collaboration, four prominent British technical societies active in Canada are sponsoring the following series of ten lectures on the broad theme of Engineering Project Management – Lessons Learned. Presentation will be over the period September 2005 to May 2006. The aim is to introduce Engineering Project Management to engineers, technologists and managers working in all disciplines, with an emphasis on Lessons Learned through major real-life projects. The presenters are well-recognized practitioners in their respective fields and will distill their experience in managing highly significant projects over a wide spectrum, including Information Technology, Subways and Tunnels, Nuclear Power Plants, Giant Offshore Platforms, Manufacturing Plants and Aircraft Landing Gear.

Date	Subject	Location
20 Sept. 2005	Developments in Project Management (IMechE)	Board of Trade, Dixon Road, Toronto
18 Oct 2005	CAMPUS Area Networking at Airport Terminal (BCS)	Pearson Airport
26 Nov2005	Imaging technology (Xmas IEE)	Bristol Place Hotel, Toronto
12 Dec2005	Nuclear Power Stations (IMechE)	McMaster University, Hamilton
17 Jan 2006	Information Technology Project Management (BCS)	Board of Trade, Dixon Road, Toronto
21 Feb 2006	Subway Tunneling (ICE)	Board of Trade, Dixon Road, Toronto
17 Mar 2006	Lessons Learned from Engineering Disasters (IMechE)	Board of Trade, Dixon Road, Toronto
21 Mar2006	Hibernia Project (IEE)	Bristol Place Hotel, Toronto
18 Apr 2006	Pharmaceutical Plant (IEE)	Bristol Place Hotel, Toronto
16May2006	Large Aircraft Landing Gear (IM	Board of Trade, Dixon Road, Toronto

Why Should You Attend The Engineering Project Management Lectures?

There are three reasons:

. First the subject is vital. Technical undertakings of significance always grow into complex multidisciplinary projects with resource, time, budget and cost constraints. Scope creep occurs. Risks have to be managed. Contingency planning is necessary. Therefore, project management has to be appreciated as a discipline in itself and its principles and methodologies need to be grasped. Above all, there must be awareness of the lessons learned from real-life projects.

. Second, all the talks are by knowledgeable experts and practitioners. The introductory lecture will present the current Body of Knowledge in Project Management. Attendance at the talks should therefore help towards meeting requirements for Continuing Professional Development (CPD).

. And third, we engineers have an obligation to ensure that the benefits of professional Engineering Project Management are available in a timely manner to society. This again requires us to understand not only the methodologies available, but also to take careful note of the lessons learned from the execution of actual projects.

The Programme is open to Directors, Managers, Engineers, Scientists, Technologists and Government Flyers will be created for each lecture and will be posted at www.imeche-ccb.org

To register for the lecture series or for individual lectures, email: imechec@attglobal.net