

SOCIETY of MANUFACTURING ENGINEERS TORONTO CHAPTER 26



April 21 **65TH ANNIVERSARY** 2006

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

E-mail: sme26toronto@yahoo.ca

November 2005

Lean Six Sigma: What makes Toyota so special? Juergen Boenisch, Ph.D.

5:30 pm, Thursday, November 24, 2005

La Vedette Banquet Hall, 150 North Rivermede Rd., Vaughan, Ontario, 905-738-2100

Sign up required by November 21 !!

5:30 pm Network and relax

6:00 pm Dinner

7:00 pm Chapter Elections (see p. 3), Scholarship Award (see p. 3) and Talk by Juergen Boenisch, Ph.D. (see p. 3)

About the talk:

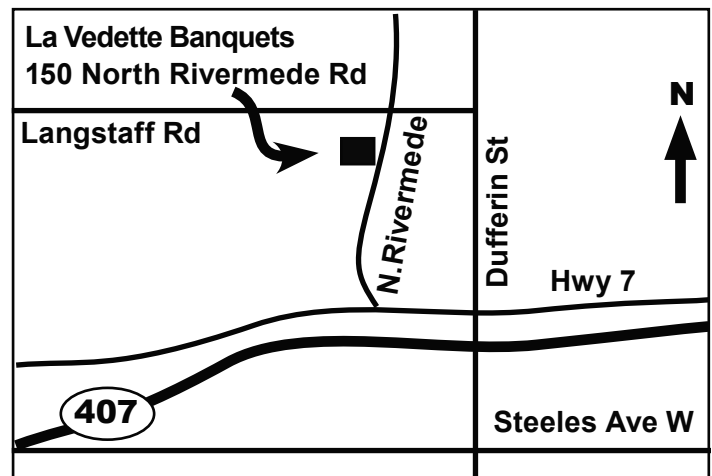
When opening the newspaper or listening to the news, we learn almost every day how companies struggle to stay afloat. For instance GM and Ford are losing market share in breathtaking speed and Toyota gains double digit market shares at the same time. How is this possible? Well, Toyota - the worlds #1 car manufacturer in 2010 or earlier...! - has developed a unique and extremely successful enterprise philosophy over the last almost 50 years! This so called "Toyota Production System TPS" is primarily based on Lean Manufacturing principals with Six Sigma aspects but most importantly TPS managed to address the "Human Factor" in a remarkable way.

This talk will provide an overall understanding of Lean & Six Sigma principals and the history behind it. In this context the important link to the Toyota Production System TPS will be made in order to understand the crucial aspect that alone makes Toyota so special and successful in implementing Lean & Six Sigma. Being aware of this simple but crucial aspect will accelerate implementing Lean, Six Sigma or any other improvement method and will guarantee sustainability of results, independent of the type or industry you are in.

Juergen Boenisch, Ph.D. (see page 3)

Executive Management consulting

Tel: 905-847-9298 Email: jboenisch@jbemc.com



Directions:

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

Reservations Required by November 21. Please contact Loris Giuricich to get your name on the reservation list at:

416-448-2225 or e-mail to Lgiurici@celestica.com

\$35 for members (CMTDMF -Canadian Machine Tool, Die & Mold Federation- included), \$45 for non-members, student members \$25.

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

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Information and links at: www.sme-toronto-26.org/

EXECUTIVE LIST *Please note changes ***

Office	Name	Company	Phone	E-mail
Chair	Farhad Shafiei	Commercial Roll Fmd Prod	905-790-5665	fshafiei@commercialroll.com
Chair Elect	Wendy Chen	Paragon Systems	416-233-3203 **	w.chen@utoronto.ca
Secretary	Rick Marmeï	Axis Design	416-291-5866	rmarmeï@axis-design.org
Treasurer	Paul Ellis		905-853-5948 **	pauellis7@hotmail.com
Education	Bhuwan Jain	Goodrich Corp.	416-226-1147	bhuwan.jain@goodrich.com
Programs Chair	Ken Kogej	Fuchs Lubricants Canada Ltd.	416-553-2440	ken.kogej@sympatico.ca **
Programs-Tours	Loris Giuricich	Celestica Inc.	416-448-2225	Lgiurici@celestica.com
Programs-Membership	Son Nguyen		416-535-1593	snguyen_2050@hotmail.com
Programs	Darren Hall	Plastic Moulders Ltd.	416-252-2241 X267	darren@plasticmoulders.com
Sponsorship Ctte	Bruce Keeling		705-487-3970	bandi@sympatico.ca
Sponsorship Ctte	Joe Benedetto	JRB Enterprises	416-267-2102	benejr@attglobal.net
Sponsorship Ctte	Son Nguyen		416-922-3560	snguyen_2050@hotmail.com
Executive Advisor	Joe Benedetto	JRB Enterprises	416-267-2102	benejr@attglobal.net
RP Liaison	Vesna Cota	Tyco Electronics Canada Ltd.	905-474-5541	vcota@tycoelectronics.com
Bulletin Editor	David Lau	Capital Tool & Design	905-760-8088	ytlau23@yahoo.ca
Web Site & Bulletin Co-Ed.	Jenny Ono Suttaby	Jentek Company	416-761-1810	jono@jentekcompany.com
Member at large	David Booz	Booz Engineering	416-806-2669	dbooz@golden.net
Member at large	George Heintzman	Systems Consultant	416467-8298	gheintzman@sympatico.ca
U of T Student Chair	Gustavo Arvizu	U of T Student		gustavo.arvizu@utoronto.ca
U of Toronto Stu Advisor	Beno Benhabib	Professor	416-978-3447	beno@mie.utoronto.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>

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

65th Birthday Party for Chapter 26 on Friday, April 21, 2006. Mark you calendar NOW!!

Executive Meeting Dates:

NOTE: Meetings will be held on the first Wednesday of each month: 7 December, 2005, January 4, February 1, March 1, April 5, May 3, 2006. Please mark your calendars now. Location: Paragon Systems, 1641 Langstqaff Rd., Building B, concord. Ont. 6:30 pm.

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, 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

Slate of Nominees for 2006

At the meeting on November 24, 2005, the slate of nominees for Chapter Officers for the year 2006 will be put forward. There will also be a call for nominations from the floor. Nominees must be present, give their permission to be nominated and have a seconder. Elections will be held and the new officers sworn in.

To date, nominations for 2006 are:

Rick Marme, Chair Elect, a member of the SME for 7 years and several years prior as a student member; owns and operates Axis Tool Design Company that produces designs for plastic injection molds and stamping dies as well as product designs; attended Durham College (moldmaking) and George Brown College (diemaking) as well as apprenticeships in the field.

Ken (Kinjal) Shah, Secretary, is a Manufacturing Engineer graduated with distinction from McMaster University in 2002. Presently he is working at Mytox, Magna Division in Woodbridge. I am proud to be a member of SME - Toronto Chapter 26

Paul Ellis, Treasurer (incumbent)

Wendy Chen, our new Chair, automatically moves up from the position of the Chair Elect which she held last year. Wendy was treasurer in 2003 and again in 2004. She has always enjoyed cooperating with other SME Chapter 26 executives and working for our members. She graduated with a MA.Sc. degree from the University of Toronto majoring in robotics & automation, and is now working as Supervisor - Testing at Paragon Systems in Concord, Ont. With a background in both electrical and mechanical engineering, she is interested in implementing automation applications in manufacturing.

Upcoming Topics 2006

January: Grinding talk (John Manly) possible joint meeting CTMA Moldmakers grinder group & installation of officers.

February: Rapid Prototyping tour or talk

March 23, 12:30 pm: Automotive - Honda, Alliston, Ont. Confirmed. Pre-registrations accepted.

April 27: Gauging Design, Manufacture and Assembly, Paragon Systems, presentation and tour. Confirmed.

May: AutoCAD or Z-Corp

Joe Benedetto Scholarship Award

SME Toronto Chapter 26 is awarding its first J. R. Benedetto Scholarship to Elliot Digby of Brampton. Elliot is in his 4th year of studies at the University of Toronto in BASc-Mechanical Engineering, and achieving a very good grade point average. The Chapter will give him this 2005 award of \$1000 at the next SME 26 program meeting on the 24th of November. If you or someone you know might be eligible for this scholarship, we urge you to apply. The purpose of SME is to promote excellence in manufacturing and to advance the profession of its sponsors and members. Chapter 26 believes that helping to fund education in manufacturing is an excellent way to support this goal.

Chapter 26 Sponsors Robotics Competition

Chapter 26 is proud to sponsor a student robotics competition, "FIRST LEGO League" held at the Ontario Science Centre on November 26, 2005. Wendy Chen has volunteered to be one of the judges. This is a competition which has grown out of Canada's Largest High School Robotics Competition, a program of FIRST (For Inspiration and Recognition of Science and Technology), a non-profit organization founded in 1989 by U.S. inventor and scientist Dean Kamen, the inventor of the Segway personal transportation device.

More at www.firstcanadianregional.org

Juergen Boenisch, Ph.D.

Juergen Boenisch, Ph.D. – Supply Chain & Business Process Consultant: has over 12 years of international business experiences in operations & supply chain management, strategic & global sourcing and business process development. Prior to starting his own consulting firm he was President & CEO for the US division of a global equipment manufacturer. He consulted over 30 international companies in Europe and North America and was lead member of McKinsey&Company's supplier integration consulting team.

Juergen holds a Ph.D. in Physics from King's College, London UK and two engineering degrees from the University of Bremen, Germany. He is a regular SME member and well known in the society or Lean Six Sigma, Supply Chain Management and Culture Change. He is a frequent public speaker.

jboenisch@jbemc.com

Tel: 416-839-7759

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