



The Manufacturing Society
Northern Lights Chapter # 370

The Northern Lights

June 2008

For the latest information check-out
<http://chapters.sme.org/c370/>

If you would like to be added to our monthly newsletter visit:
<http://maillists.bijouenhancements.com/lists/>

SME Northern Lights Chapter 370 proudly presents

Progressive Machine Works (Plant Tour)

Progressive Machine Works (PMW) was founded in January 1997 by Wes Warkentin and has now grown to include 20+ machines. In the past 4 years PMW has expanded rapidly more than doubling in size to 10,000 sq ft in order to meet the demands of their customers. At PMW they specialize in machining small parts from aluminum, bronze, stainless steel or plastic with the main focus being high volume production runs.

In order to stay competitive in this niche market, PMW uses standardized equipment and control systems, as well as in-house innovations and designs. By using only HAAS CNC milling machines and lathes, the work force is much more flexible, and individuals can be moved as needed to any given machine. A fluid work force is vital for the programming and setup of automated loaders. PMW also has several custom-designed pneumatic and robotic machine loaders. This type of automation allows the company to operate the plant lights-out, 24 hours a day, seven days a week, 365 days a year, and has helped them thrive in the small parts/high volume market.

IMPORTANT REGISTRATION INFORMATION

Note that space is limited, as our hosts can only accommodate 20 visitors. Registration must be made on-line at <http://maillists.bijouenhancements.com/sme/>, and is on a first-come, first-served basis. Registration is open to SME members only until 5:00 p.m., Wednesday, June 4th. After that time, if space is still available, non-members may register. The deadline for registration is 5:00 p.m., Monday, June 9th. Late registrations will not be accepted. Everyone using the on-line registration will receive confirmation by e-mail whether or not they are on the guest list.

Safety glasses are required during the tour, which the company will provide as needed.

See map on next page for directions.

WHERE TO GO!

Wednesday, June 11, 2008

Social Hour: 5:30 to 6:00 pm

Dinner: 6:00 to 7:00 pm

**Dinner at: Pearl River Restaurant
4728-99 street NW, Edm.**

Plant Tour: 7:00 - 8:00pm

**Progressive Machine Works
9731 - 45 avenue NW, Edm.**

**COST: \$30 members
\$30 first time guests
\$40 non members
\$10 student members
\$15 student guests**

Member pricing is always extended to members of other technical societies such as ASM, AWS, CWA, NACE, CSME, ASME, etc.

**Please RSVP by 5:00 p.m.
Monday, June 9, 2008.**

RSVP Online for our event at

<http://maillists.bijouenhancements.com/sme/>

PLEASE DO NOT "REPLY" TO THIS NEWSLETTER

The SME Northern Lights Chapter normally holds technical meetings on the second Wednesday of each month except for the month of July and August.

REMEMBER...

Students and student members that attend the SME dinner meeting have a chance to win a FREE dinner drawn at the end of the meeting.



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The Northern Lights Highlights

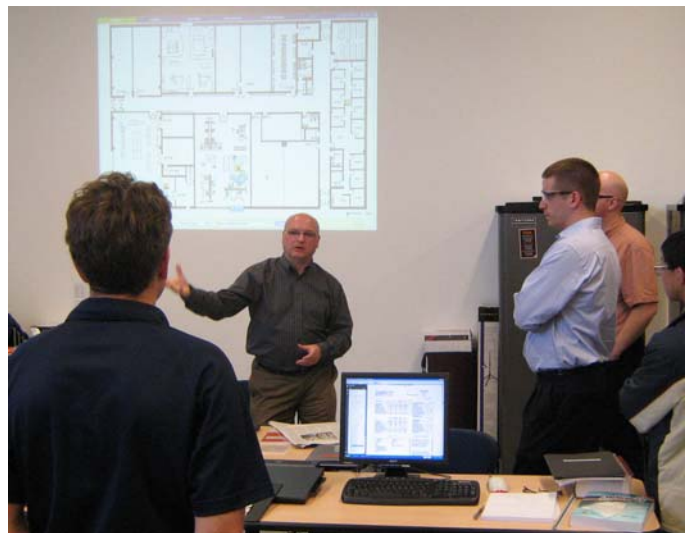
May Technical Presentation The NAIT Shell Manufacturing Center

On May 14, 2008, the SME Northern Lights chapter held its monthly technical presentation at the NAIT Shell Manufacturing Centre. Deepak Srinivasagupta and JP Tetreau presented various aspects of the centre and its capabilities. The presentation showcased the centre's training modules for students and company employees, the capacity to test product manufacturing viability and processes, and allow companies to assess Computer Intergrated Manufacturing (CIM) machinery before capital is invested. This allows the NAIT Shell Manufacturing Centre to provide skilled workers, as well as provide an avenue for businesses to advance their manufacturing capabilities in this global market.

For further information about the centre contact:

Deepak at (780) 378-6156 or Email: deepaks@nait.ca

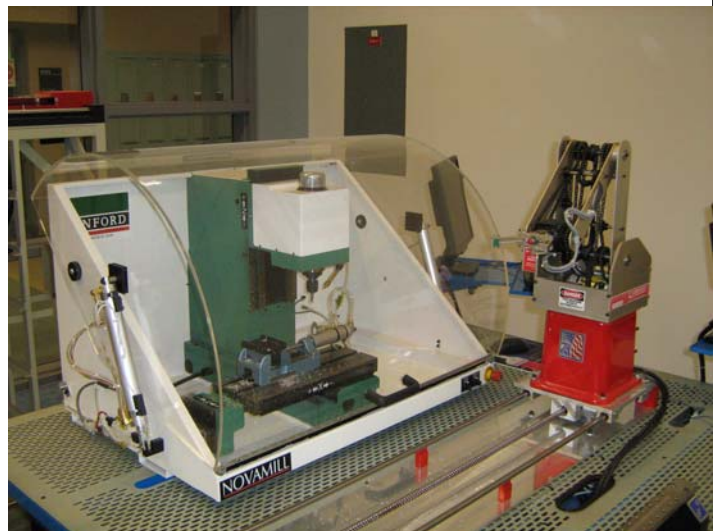
JP at (780) 471-8515 or Email: jtetreau@nait.ca



JP Tetreau demonstrating the capabilities of a radio frequency identification device (RFID).



A spinner produced from a rapid prototype machine.



An example of a Computer Intergrated Manufacturing (CIM) center.

Northern Lights Chapter Executive 2008



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Open Position

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Tom Clarke of Weldco-Beales Manufacturing in Edmonton, as well as committee member for the 2008 LARGEST Lean Conference ever to be held in Toronto October 20 to 24, is asking associations to take a look at their operations and their best practices and see if you are doing something great that manufacturing needs to hear. In order to sustain manufacturing in North America we are going to have learn from each other on how to adopt best practices. Conferences like the one being held this year in Toronto provide this networking and sharing opportunity. The week is filled with people eager to learn how to make their companies GREAT.

You will get one hour to share your experiences and best practices with those people. The link below is on the AME website. The document is the presentation submissions form and provides details about the responsibilities and criteria for the presentation. Please have a look and if you believe you have something people in manufacturing should hear then save a copy of the form to your hard drive, fill it out and submit it to Alicia Puim at: apuim@hotmail.com Alicia will then forward the submission to the conference committee for review. This conference will be the best ever!



Details at:

<http://www.ameconference.org/Toronto/documents/CFP.doc>

Thank you...

for reading the *Northern Lights*. If you are interested in presenting at a SME dinner, please contact Sherif Labib at sherifl@wellquip.ca. Kindly include the field you are working in and the subject you are interested in presenting to the chapter members and guests.

Remember to keep SME information current

- We do not wish any of our members or friends to miss a newsletter. Please make sure to inform the newsletter editor of any changes to your email or employment address.
- If you have any newsworthy stories or information, we would be pleased to include it in our newsletter, subject to editorial approval.
- If you know of anyone who would like to receive this newsletter, please send them to <http://maillists.bijouenhancements.com/lists/>. The best part about it—it's FREE!!