



The Manufacturing Society
Northern Lights Chapter # 370

The Northern Lights

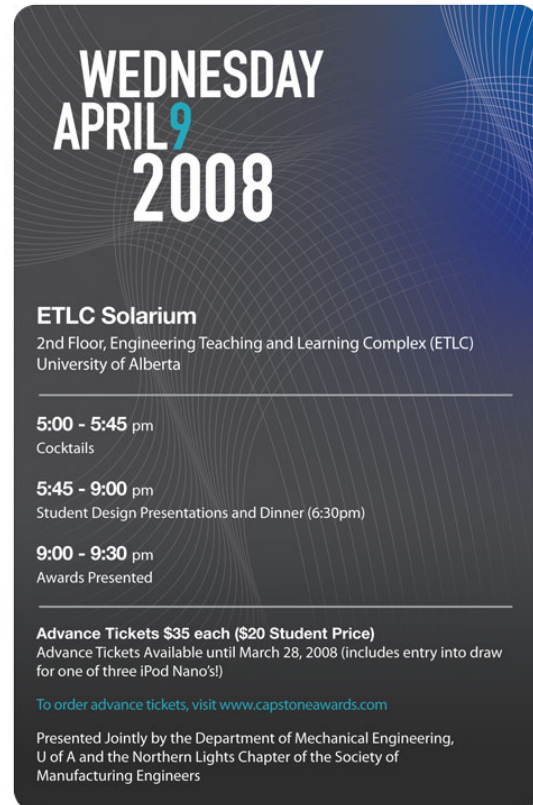
April 2008

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/>

*In conjunction with the University of Alberta's
Department of Mechanical Engineering*

SME Northern Lights Chapter 370 proudly presents



The Capstone Honours is an event which recognizes Mechanical Engineering designers of the future. The awards are presented jointly by the [University of Alberta's Department of Mechanical Engineering](#) and the Northern Lights Chapter of the Society of Manufacturing Engineers. The Capstones recognizes the best design presentations by members of the graduation class of Mechanical Engineering students participating in the major design project class, MecE 460. Two teams are selected from the Fall Semester and two from the Winter Semester to attend the Capstone Honours Awards Banquet each year.

In its 8th year, the capstone awards event will continue to draw attention to excellence in design. Two of the four projects featured at the event will be an ATV mounted Terra torch as well as a Roll Over Protection System for Industrial Machinery. It should prove to be a very interesting evening. Each ticket purchased before March 28th, 2008 will be put in an Early Bird raffle for one of three iPod Nano's.

Please visit <http://www.capstoneawards.com> to purchase tickets.

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



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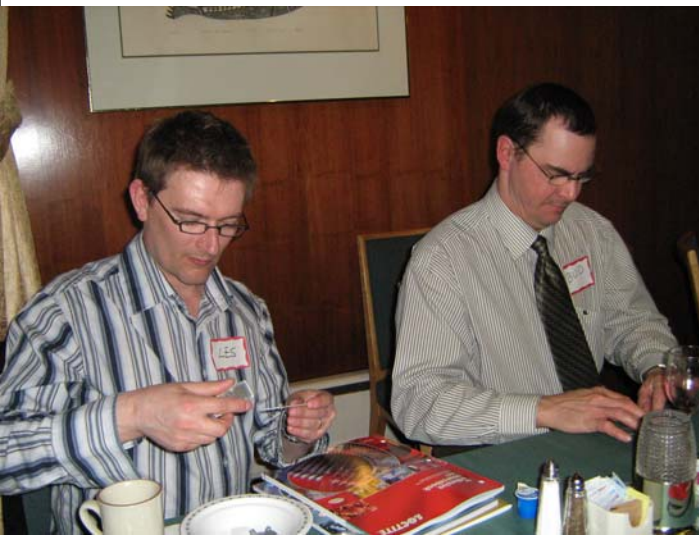
The Northern Lights Highlights

SME Northern Lights Chapter 370 March Technical Presentation

On March 12, 2008 David Haining and Delmer Wowk of Henkel-Loctite Structural Adhesives presented a very lively and informative presentation on industrial adhesives. Both David and Delmer presented a brief overview of the four basic types of adhesives, the decision process for choosing the appropriate adhesive, and videos showcasing specific applications of adhesives. From the presentation all attendees learned about adhesive attributes such as the capability to distribute stresses evenly, to bond dissimilar substrates, and the capability to seal and bond simultaneously. To further reinforce adhesive mechanical characteristics, all attendees were involved in a hands-on Wingnut/Lapshear Demo. At the end of the night everybody went away with reference material such as the Loctite Adhesive Source book 2007.



Delmer Wowk (Left) and David Haining, as well as some samples of Industrial Adhesives



Les Torrens (Left) and Bud Childs coming to grips with the Wingnut/Lapshear Demo.



Gordon Affleck, with a little bit of guidance from Dave, skillfully applied a bead of adhesive on a test sample .

Northern Lights Chapter Executive 2008



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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!!