

**In This Issue**[March Darlington Tour](#)[Education Day & New Members](#)[Upcoming Events](#)[STLE Annual Meeting Updates](#)[February Meeting Highlight](#)[STLE Tid Bits](#)[Toronto Section Board](#)[Join Our Mailing List!](#)**Meeting Fees**

STLE Members - \$45  
 Non-Members - \$55  
 Students - \$20  
 Retirees, transition members - \$25  
 (Includes meal, refreshments & talk.  
 Subject to change without notice and add \$5 if not pre-registered)

**Section Sponsors**

# STLE Toronto Section

March 2011 Newsletter

**Tuesday, March 8, 2011**

There is no meeting at the Old Mill in March. Instead we have arranged a tour at the Darlington nuclear power station. There was only room for 20 people and these are all taken. As reminder you must bring your own safety shoes and photo ID otherwise you can not get in.

**Tour**

Meet on Tuesday, March 8 at 8:45 am in Darlington Nuclear Information Centre.

The address to Darlington Nuclear Information Centre is:  
 2151 South Service Rd Sought  
 Bowmanville, ON L1C 3K9.

The directions are as follows:

Westbound: Courtice Rd exit #425 from the 401, take the south Service Rd east to Park Rd, follow the signs

Eastbound: Waverly Rd exit from 401 to South Service Road, West to Park Rd, follow the signs

Please [click here](#) for a detailed map of the Centre.

The safety briefing will start at 9:00 am.

Please remember about the following rules:

- \* To enter the station, must have photo ID, plus any other ID (preferably Driver's License), and safety work boots (i.e. steel toe).
- \* When entering the station, please only bring in what is necessary - best to empty pockets of unnecessary articles leave in the vehicle (wallet is OK of course).
- \* Cameras and phones with cameras are not allowed in the station. Leave these in vehicles.
- \* No food or drinks are allowed in the station, including gum, etc.
- \* Like with air planes, pocket knives, etc., are not allowed in the station.
- \* During the tour, must stay in close proximity to the escort at all times and follow all instructions. We will assembly in three groups, each having a designated tour leader.

**Presentations**

After the tour there will be lunch and presentations. This is open to everyone but there is \$15.00 cost



for the lunch.

For those attending for just the lunch there should be room in the Engineering Services Building parking lot.

For lunch and two presentations meet together in the lobby of the Engineering Service Building at 12:00 noon.

### **STLE Toronto Section 2011 Education Day & New Members**



On February 8, the Toronto Section had a very successful Education Course. We wish to thank the Education Committee of Ted Austin, Lorne Brock, and Paul Sampson.

We also wish to thank the speakers; Lorne Brock (Enrol Inc), Ken Brown (Eco Fluid Center), Lou DiFlavio (Chemtura) and Paul Sampson (Lubrizol).

STLE Toronto Section Welcomes New Members;

Nnamdi Achebe, newcomer to Canada  
 John Kriarakis, Petro Canada Lubricants  
 Eva Laou, Petro Canada Lubricants  
 Ewa Liddon, Petro Canada Lubricants  
 Katie Motz, Petro Canada Lubricants  
 Olubisi Omotoso, newcomer to Canada  
 Ruth Chan, Petro Canada Lubricants  
 Chris Shea, Wardlaw Fuels



### **Upcoming Events**

#### **Tuesday, April 12, 2011 - STLE Toronto Meeting**



Topic: The Key to Successful Production Trials for Stamping Compounds: A New Analytical Method for Pretrial Screening with the Twist Compression Test

Presenter: Gregory Dalton, P.Eng, PhD Candidate, President, TribSys Inc., Sudbury, Ontario

Summary: One of the most challenging issues in metal stamping and other industrial applications is that it can be difficult to predict whether a lubricant formulation will be effective for a specific application. Some use the Twist Compression Test but this can have issues as well. This presentation will discuss the test and how to reduce bias in the detection of lubricant failure and to improve sensitivity of the test as a lubricant formulation pretrial screening tool.



## STLE 2011 Annual Meeting

**Registration is now open!**

**Where:** Hilton Atlanta in Atlanta Georgia

**When:** Sunday, May 15-19, 2011



The STLE Annual Meeting will showcase more than 350 technical papers, application based case studies, and best practice reports and discussion panels on current technical and market trends. The meeting also offers education courses that support professional development and prepare people for one of STLE's three certification programs. Exhibits and commercial presentations spotlight the latest products and services geared toward lubrication professionals.



[Register for STLE Annual Meeting](#)  
[Preliminary Program at a Glance](#)  
[Session Schedule](#)  
[Education Course Offering](#)  
[Exhibitor information](#)

## February Meeting Highlight





On the left Joyce K. Borkhoff, Chemicals Group, Cantox Health Sciences International is thanked by Toronto Section Chair, Wayne Mackwood of Chemtura. Joyce's very timely talk was on 'Canada's Chemical Management Plan Update & Your Role?'. Basically if you do not get involved or get someone involved for you, governments are proceeding and your business could be negatively impacted.

#### STLE Tid Bits

##### **"Hot Topics" sessions offer the latest on Metalworking Regs, Rules & Standards**

The STLE Metalworking Fluid Education & Training Subcommittee will be presenting a session on "Hot Topics" in metalworking fluids on Monday, May 16 at 4:30 pm during the 2011 Annual Meeting. Subjects to be covered include the new VOC Test and Southern California regulations, REACH, TSCA, the Global Harmonized Standard and an update on Health & Safety issues. A more in-depth look at these "Hot Topics" issues will be part of a one-day Metalworking Fluids education course held on Wednesday, May 18, during the STLE Annual Meeting.

[Click here](#) for more information about the Metalworking Hot Topics course

[Click here](#) to register for STLE 2011

##### **NLGI Basic Grease part of AM-2011 Education Course offerings**

NLGI's highly-regarded course is a comprehensive overview covering all aspects of lubricating grease. The basics of grease formulation will focus on base oils, the many thickener types and grease

performance additives. Course also explains the various grease testing methods and their significance. A variety of examples of both industrial and automotive application will be discussed. Students will learn to identify the proper grease for any application.

Note: Annual Meeting registration is not required to take this course. However, the price of the course does not include Annual Meeting registration.

[Click here](#) to register for NLGI's Basic Grease Course

[Click here](#) to register for STLE 2011

### **Nanotribology Course Explores New Technologies and Applications**

The recent advances in nanotechnology have greatly improved our understanding of how surfaces, interfaces, defects and atomic structures influence tribological phenomena. This session, held at the start of the 2011 Annual Meeting in Atlanta, will provide many examples illustrating how the advances in nanoscience have enabled new technologies and applications. The Nanotribology Course will be held on Sunday, May 15, from 1-5:30 p.m.

[Click here](#) for additional details

### **STLE seeking Student posters for the 2011 Annual Meeting**

Students from all areas of tribology research are invited to participate in a special student poster contest that will be part of the 2011 STLE Annual Meeting. Posters must deal with an aspect of tribology research that translates into friction, wear, and lubrication. ONLY students may exhibit their work, although poster topics can be co-authored by faculty or other researchers. The contest will be held during STLE 2011, May 15-19 in Atlanta Georgia. Awards will be given to the nine best posters. Additional cash prizes will be given to the top three contestants. The deadline to submit a student poster abstract is March 15, 2011. Notification of acceptance will be sent shortly after that date.

[Student poster solicitation](#)

[Click here](#) for the Abstract submission site

For more information contact Christie Barbosa at [christie.barbosa@u.northwestern.edu](mailto:christie.barbosa@u.northwestern.edu)

### **Participate in the Commercial Marketing Forum at STLE 2011**

The Commercial Marketing Forum is a unique opportunity for companies to present their products and services separate from the non-commercial technical presentations. Applications are accepted on a first come basis. Time slots are limited and filling fast. [Click here](#) to view the available time slots.

If you have any questions or need information please contact [Tracy Nicholas VanEe](#) (630) 922-3459

### **Get your copy of the STLE's 2011 Annual Meeting Technical Program**

View the entire technical agenda including paper presentations, education courses, exhibitors, and networking events for STLE 2011.

Meeting components include:

- More than 400 technical presentations on a wide range of topics
- 10 one-day education courses taught by world-class instructors. Courses are offered Sunday and Wednesday, and last from 8:00 a.m. to 5:00 p.m.

- A trade show with over 70 exhibitors displaying the lubricant industry's latest products, services and technologies.
- An unrivaled international networking experience where attendees can interact with hundreds of the finest minds in tribology and lubrication engineering.

[Click here](#) to get your copy of the digital brochure

Online registration and hotel reservations are available on the [STLE website](#)

If you have questions about the 2011 STLE Annual Meeting & Exhibition, contact Merle Hedland at [mhedland@stle.org](mailto:mhedland@stle.org), 630-323-7212.

### 2010 - 2011 STLE Toronto Section Board

<b>Chair</b>	Mr. Wayne A Mackwood	Chemtura Canada Co/Cie	416-724-3653 <a href="mailto:Wayne.mackwood@chemtura.com">Wayne.mackwood@chemtura.com</a>
<b>Vice Chair</b>	Mr. Paul Sampson	Lubrizol of Canada	905-845-9565 <a href="mailto:Paul.sampson@lubrizol.com">Paul.sampson@lubrizol.com</a>
<b>Secretary</b>	Ms. Kimberly A Krieber	Ontario Power Authority	416-969-6205 <a href="mailto:Kimberly.krieber@powerauthority.on.ca">Kimberly.krieber@powerauthority.on.ca</a>
<b>Treasurer</b>	Mr. Ed Milanczak		416-702-3107 <a href="mailto:emilan@cogeco.ca">emilan@cogeco.ca</a>
<b>Membership</b>	Mr. Behshad Sabah	H.L. Blachford Ltd.	905-823-3200 ext. 471 <a href="mailto:bsabah@blachford.ca">bsabah@blachford.ca</a>

We look forward to another great year with the Toronto Section of STLE. If you have any suggestions or would like to see anything specific in our monthly newsletters, please don't hesitate to contact Ken Brown, Eco Fluid Center Ltd, at 416-466-3144 or via email at [kenbrown@fluidcenter.com](mailto:kenbrown@fluidcenter.com).

Sincerely,

STLE - Toronto Section

