



Mission Statement:

To advance the science of tribology and the practice of lubrication engineering in order to foster innovation, improve the performance of equipment and products, conserve resources, and protect the environment.

STLE membership supports and expands your professional abilities through:

Education: Top-rated and affordable courses are offered at the Annual Meeting, by Local Sections and through certificate programs available in the field and online.

Certification: Earn recognition and valuable credentials through three STLE-sponsored programs: Certified Lubrication Specialist (CLS), Certified Metalworking Fluids Specialist (CMFS), and Oil Monitoring Analyst (OMA).

Professional Networking: Offered at two major international conferences, local section meetings or one of 23 technical committees and industry councils.

Upcoming Meetings:



CALGARY • MAY 7-11, 2006

[Registration Form downloadable here](#)

Educational Opportunities at the Annual Meeting:

March 2006

WELCOME

[Register Now for the May 7-11 Annual Meeting in Calgary.](#)
[International travel is not as complex as you may think.](#)
[Exhibit booths are almost sold out for the Calgary meeting.](#)
[A new online reference library, TRIBOLOGYnetBASE, now available for individuals.](#)
[Congratulations to the winners of the 2006 STLE Awards.](#)
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Register Now for May 7-11 Annual Meeting in Calgary

Now is the time to register for STLE's 61st Annual Meeting & Exhibition, coming to the beautiful Canadian city of Calgary, Alberta, on May 7-11. Go to <http://www.stle.org/> for detailed information about technical presentations and speakers, exhibits and networking events.

All activity takes place under one roof in the modern and efficient TELUS Convention Centre, located in the heart of Calgary's shopping and entertainment district. Calgary International Airport, serviced by most major U.S. and Canadian air carriers, is less than 30 minutes away.

Reserve your hotel room before April 12 and stay at one of three hotels connected to the TELUS Convention Centre. Rates range from \$160-\$179 (CAN).

Register for the meeting by April 14 and save, thanks to STLE's Early Bird discount. Fees increase by \$50 per person after April 14.

Program Highlights

- The four-day conference (Monday-Thursday) will showcase nearly 300 technical presentations selected by STLE's Annual Meeting Program Committee.
- Industrial lubrication professionals can get a year's worth of experience and ideas by attending one of the five education courses and two in-depth certificate programs that feature today's leading ideas and best practices.
- Exhibit program will include more than 80 exhibit booths displaying the latest products and services for the lubrication professional.
- Business networking is an invaluable part of the STLE meeting experience.

For personal assistance or questions, please contact STLE headquarters: Phone: 847-825-5536 (USA); Fax: 847-825-1456 (USA)

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International travel made easy

It's not as complex to get into Canada for the Annual Meeting as you may think.

Citizens or permanent residents of the United States can usually cross the border into Canada without difficulty or delay. For native-born Americans and/or U.S. citizens, bring either a passport or a certified copy of your birth certificate, supported by a photo ID. A permanent resident who is not a citizen is required to possess a 1551 or 1151 form (The Green Card) by both U.S. and Canadian Immigration.

[PDF Brochure available here](#)

5 Education Courses

Advanced Lubrication
Education Course (One day)

Basic Lubrication Education
Course (2 1/2 days)

Condition Monitoring
Education Course (One day)

Hydraulic Fluid Power
Transmission Systems
(One day)

Synthetic Fluids (2 days)

2 Certificate Courses

Bearings and Their Lubrication
(One day)

Metalworking Fluid
Management (2 1/2 days)

On Thursday May 11
examinations for Oil Monitoring
Analyst (OMA) I & II, Certified
Lubrication Specialist (CLS),
and Certified Metalworking
Fluids Specialist (CMFS) will
be given.

More information and
registration form available at
www.stle.org

Participate in the Special Events at the Annual Meeting



Welcoming Party / Dinner

Monday May 8th. Hosted by
STLE's Alberta Section, this
year's event is a full sit down
dinner with entertainment.
This special event will enhance
your networking experience.
STLE's 1993 meeting in
Calgary is remembered as one
of the Society's most

Citizens or permanent residents of other countries must have a valid passport and/or a valid visitor visa and should contact their local Canadian Embassy/Consulate or High Commission Office for further qualification.

Bringing personal baggage and items contained within them should not present a problem. Usually, audiovisual materials such as slides or videotapes and minimal amounts of printed matter are considered part of your personal belongings.

New rules requiring a passport for Canadian travel become effective December 31, 2006 – after the STLE meeting. However, all U.S. citizens entering Canada from a third country must have a valid passport. For further information:

http://travel.state.gov/travel/tips/regional/regional_1170.html
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CRC Press and STLE unveil state-of-the-art online tribology resource library

CRC Press and STLE have announced a new agreement that will extend cooperation between the two organizations beyond the printed page and into cyberspace.

Building on a relationship that dates back to the co-publishing of the landmark Handbook of Lubrication and Tribology, this arrangement will allow individual STLE members affordable subscriptions to TRIBOLOGYnetBASE, CRC's state-of-the-art online reference and resource library.

This will mark the first time that single-user pricing has been offered to individuals on any of CRC's powerful Netbase products, according to John Lavendar, senior vice president at CRC Press-Taylor and Francis. These sites are designed to provide libraries, corporations and institutions with multi-user access to the world's most authoritative resources and reference material.

For more information about TRIBOLOGYnetBASE, read TLT magazine, contact STLE at (847) 825-5536, or email information@stle.org. For more information about CRC's Netbase products, contact Corey Worthington at (561) 998-2237 or corey.worthington@taylorandfrancis.com
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Exhibit booths are almost sold out for the 2006 Annual Meeting.

It's first come, first serve, for the last 6 exhibit booths available. The 80-exhibitor trade show is where you can learn about the lubricant industry's newest products, services and technologies. Company specific information like product names are only allowed in the trade show and the Commercial Marketing Forum (now sold out.) Contact Tracy Nicholas VanEe at (630) 922-3459 or tricholas@stle.org for information.

2006 STLE Award Recipients and Fellows announced

The STLE 2006 awards will be presented in Calgary at the STLE Annual Meeting. Among the awards are:

The STLE International Award is the Society's highest technical honor and is given in recognition of the recipient's outstanding contributions in tribology, lubrication engineering or allied fields.

The award is being presented to:

Stephen M. Hsu (NIST)
Andras Szeri (University of Delaware)

The P. M. Ku Award recognizes outstanding volunteer leadership and achievements for the Society. It is given to the STLE member who typified the late P. M. Ku, who worked tirelessly for the benefit of the Society. It will be presented to:

John M. Burke (Houghton International Inc.)

In addition, the following individuals will be elevated to the prestigious membership grade of Fellow in Calgary:

David Tabor (awarded posthumously)
Kenneth Johnson (Cambridge University)
Dong Zhu (Eaton Corporation)
Norm Gitis (Center for Tribology, Inc.)
Michael Hoeprich (The Timken Company)
David Phillips (Chemtura Corporation)

memorable in recent years, both for the quality of its technical content and the hospitality of Canada and the Alberta Section. The 2006 event promises to equal that event. The welcoming party / dinner is included with your Annual Meeting registration, but please indicate on the registration form if you plan to attend. Space is limited for this event.

President's Luncheon

This luncheon is included with your Annual Meeting registration. Come salute 2005-2006 President William E. Wambach and 2006-2007 President Dan McCoy. This is also where the awards are presented. Extra tickets can be purchased for \$50 at the STLE registration desk.

Golf Tournament

Sunday May 7 \$120.00 (USD)
Heritage Point Golf Course (www.heritagepointe.com) is listed among the Top 5 Courses in Alberta by Score Golf magazine and as one of the Top 30 Public Courses in Canada by *Globe and Mail*. The tournament starts at noon. The fee includes 18 holes of golf, a power cart and practice facilities. Clubs can be rented for \$35 (CAD).

Tours

Three tours will be offered. A one day excursion to one of the best known destinations in the Rockies – a trip to scenic Banff - will be offered on Monday, May 8. On Tuesday, a Calgary City Tour will be given which includes lunch at the Big Rock Brewery and a tour of Canada's largest living historical village. On Wednesday May 10th and Friday May 12th an excursion to spectacular Lake Louise will be available. Register for these tours on the registration form. Additional fees apply.

Speakers Breakfast

Lead authors and course presenters are invited to meet with Session and Paper Solicitation Chairs for a continental breakfast on the days of their presentations at 7 a.m.

D.C. Sun (SUNY at Binghamton)

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The following full articles will be available in the next magazine. The magazine is a benefit of STLE Membership.

LUBRICATION FUNDAMENTALS: It's all about leadership

To succeed, lean manufacturing requires a commitment from top management.
By Dr. Robert M. Gresham

Tribology: How a word was coined 40 years ago

For ages there was no word to describe the scientific principles of friction, wear and lubrication. How that all changed on March 9, 1966.
By Dr. H. Peter Jost

Technologies in waste treatment of metalworking fluids.

When it comes to effluent disposal, science continues to seek solutions that minimize waste and encourage recycling.
By Dr. Neil Canter

PEER-REVIEWED PAPER: On the Lift-Off Speed in Journal Bearings

By Xiaobin Lu and Michael M. Khonsari.

DEPARTMENTS AND COLUMNS

Tech Beat-The world's smallest nanoscale motor; developing a low-emissions, natural gas engine; single-point automatic lubricators. By Dr. Neil Canter
Sounding Board - Is the job of the lubrication engineer becoming easier or harder?
President's Report - Read all about Tribology Letters, an STLE publication.
From the Editor - Answers to tribology's most commonly asked questions.
Lube Legislation - Behind the scenes of OSHA rulemaking.
Condition Monitoring - The importance of statistical data testing.
Worldwide - Evaluating wear tests

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Factoids and trivia about the host city of Calgary

A resident of Calgary is known as a Calgarian.

Calgary's economy is largely centred on the petroleum industry with agriculture, tourism, and the high-tech industries contributing to the city's rapid economic growth. Calgary now has the second highest concentration of head offices in Canada.

Motto: Onward

Calgary is in a region of foothills and high plains, approximately 80 km east of the front ranges of the Canadian Rockies. The popular tourist destinations of the mountain resort towns of Banff, Lake Louise, and Canmore are nearby.

Before the Calgary area was settled by Europeans, it was the domain of the Blackfoot people whose presence has been traced back at least 11,000 years.

Fort Calgary was originally named Fort Brisebois, after NWMP (now the RCMP) officer Éphrem-A Brisebois. Because of questionable conduct on the part of that officer, it was renamed Fort Calgary in 1876.

Fort Calgary was named by Colonel James Macleod after Calgary (Cala-ghearraidh, Beach of the pasture) on the Isle of Mull, Scotland.

TELUS is a telephone company in Canada, and the country's second-largest telecommunications carrier. While the company name is in all-uppercase letters, the name is not an acronym and usage outside the company tends to stick to a mixed-case format.

Calgary is also known by other names:

- Cowtown
- The Stampede City
- The Heart of The New West (the New Convention and Visitors Bureau slogan)
- Canada's Oil Capital



October 23 - 25, 2006
Hyatt Regency San Antonio
San Antonio, TX

Source: http://en.wikipedia.org/wiki/Calgary,_Alberta
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Happy 62nd Birthday STLE!

STLE will celebrate a birthday on March 3. On that day in 1944 the American Society of Lubrication Engineers was incorporated in Chicago. The name was changed to STLE in 1987.

Membership information

To become a member of STLE use the application found at https://www.stle.org/secure/membership_application/index.cfm or contact Beth Weinstein at 847-825-5536 or bweinstein@stle.org.

To renew your membership use the renewal application found at https://www.stle.org/secure/membership_renewal/index.cfm or contact Beth Weinstein at 847-825-5536 or bweinstein@stle.org.

Changes in your contact information can be made here:
http://www.stle.org/address_change/index.cfm

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