



February 12, 2016 STLE Lunch Seminar

Welcome to STLE Houston Chapter's 2015-2016 Lunch Seminar Series!

Our fifth technical seminar of the season will be held on **FRIDAY**, February 12, 2016, starting at 11 AM at Brady's Landing. Dr. Mark T. Devlin, Technical Advisor at Afton, will be presenting "*Fuel Economy in Lubricant Applications*". Please reserve the date!

Abstract:

Several decades ago the most important property of a lubricant was to protect machines so that they were durable and did not have to be replaced. In the 1970s, in automotive systems, fuel efficiency became a critical market driver. Since then the ability of automotive lubricants to improve fuel efficiency has become a secondary and often primary property required by equipment manufacturers. The initial work in this area focused on improving the fuel efficiency properties of engine oils. Focus then shifted to the fuel efficiency properties of gear oils and automatic transmission fluids. Improving the efficiency properties of industrial oils has also become important. Often times research focuses on one of these lubricant products. In this talk the common properties of lubricants that affect efficiency will be discussed because a machine does not care what you call the lubricant as long as power is efficiently transferred through the machine.

Speaker:

Dr. Mark T. Devlin received his B.A. in Chemistry from Duke University in 1983 and his Ph.D. in Physical Chemistry from the University of Virginia in 1987. Mark then worked as an IRTA Fellow at the National Institutes of Health in Bethesda, MD until he joined Afton Chemical Corporation in 1990. He is currently a Technical Advisor at Afton, where he has been studying the rheological and tribological properties of lubricants. Mark has been a co-author or co-inventor on over 100 technical papers and patents. These technical publications cover a broad range of topics related to the fundamental activity of lubricants for use in engines, transmissions, automotive gears and industrial machinery. Throughout his career Mark has been an active member of STLE, SAE, ASTM and ACS.

Location : [Brady's Landing Restaurant](#), 8505 Cypress Street, Houston, Texas 77012

Schedule:

11:00AM - 11:30AM: Arrival / Social

11:30AM - 12:00PM: Full Buffet Lunch

12:00PM - 1:00PM: Business Meeting and Technical Presentation

Fees:

Students \$10, Members \$30, Non-Members \$35

Cash/check only accepted at the door – or **pre-pay** by credit card prior to the meeting using the Paypal link on our [Calendar webpage](#)

The STLE Houston Section's Monthly meeting provides a platform to network, advance your knowledge, learn current trends in tribology, lubrication and related industries, share good food, and much more. Do not forget, there will be door prizes for the lucky winners of the day. Come early and network with your lubricant colleagues.

Click below for directions.

[Brady's Landing Restaurant Website](#)

STLE Houston Section Calendar of Events (2015 - 2016)

Please note that Technical Meetings have been moved to FRIDAYS

September 11, 2015	Mark Mulvihill of Oil Center Research (OCR), presented " <i>Grease Basics</i> "	Brady's Landing
October 9, 2015	Marianne Duncanson of ExxonMobil presented " <i>Electro-Static Discharge in Turbine Oil</i> "	Brady's Landing
November 9, 2015	Big Horn BBQ & Waukesha Bearing Plant Tour	Big Horn BBQ & Waukesha Bearing
December 11, 2015	Monica Jefferson of Phillips 66 presented " <i>GHS and Supply Chain Impact</i> "	Brady's Landing
January 8, 2016	Lunch Seminar – Michael Holloway of ALS presented " <i>An Asset Health Program Utilizing Oil Analysis</i> "	Brady's Landing
February 12, 2016	Lunch Seminar – Dr. Mark Devlin of Afton will be presenting "<i>Fuel Economy in Lubricant Applications</i>"	Brady's Landing
March 3, 2016	2016 Annual Lube School	Hilton Houston North
April 26, 2016	Annual Golf Outing	Clubs of Kingwood
May 13, 2016	Lunch Seminar – TBD	Brady's Landing
May 15 – 19, 2016	STLE 2016 Annual Meeting & Exhibition	Bally's Las Vegas, NV
September TBD, 2016	First Technical Meeting of the new season	Brady's Landing