



Society of Tribologists and Lubrication Engineers

Houston Section

## February 9, 2024 Technical Meeting

### Welcome to STLE Houston Section's 2023-2024 Lunch Seminar Series!

Our fifth technical seminar of the new season will be held on Friday, February 9, 2024 at noon, with networking and lunch starting at 11 AM. **Gavin Duckworth**, President of Novel Reliable Technologies, will talk “*What are PMA’s (Poly(methyl acrylate)), why to use them, and when to use them*”.

This will be a lunch meeting at our **new location** at Churrascos - The Woodlands, 21 Waterway Ave, The Woodlands, TX 77380 (Parking- Please park in the Marriot parking garage on Waterway Square PI or in the lot on Timberlock PI). Please reserve the date!

**Abstract:** Polymethylacrylates are unique polymers that have both inherent properties and can enhance formulations with their proper use. We will explore the history of PMAs, properties these polymers can bring to formulations and equipment benefits, when and how to use them, and some economics around their use.

**Speaker:** Gavin Duckworth has been in the petroleum industry since 1986 and worked in the lubricant additive market for 25 years. Gavin has an Environmental Engineering background and is currently the Executive President and Co-Founder of Novel Reliable Technologies. Gavin shares a US Patent holder – “Process for preparing low sulfur dispersant polymers”. Novel Reliable Technologies (NRTech USA) is a specialty additive manufacturer which is proficient in additive and component chemistry in the lubricant market involving automotive and industrial segments and grease markets. NRTech USA produces engine oil packages, ATF packages, TO-4, small engine, and component chemistry include ZDDP, PMAs (poly(methacrylates), dispersants, tackifiers, PPD (pour point depressants) and additional chemistry for the lubricant and grease blending.

**Location:** Join us for the lunch meeting at [Churrascos - The Woodlands](#) (\$50), (2019 Post Oak, Houston) starting off with sign-in and networking at 11 AM prior to 11:30 lunch and the noon presentation.

To **pre-register** for the lunch time technical meeting, please use the Paypal link on our Calendar page (it takes credit cards as well). Cash and credit cards can be taken at the door as well, although pre-registration will help us plan the appropriate amount of seating and food at our new location.

#### Schedule:

11:00AM – 11:30AM: Doors Open, Sign in, Networking

11:30AM – NOON: Food and Business Meeting

NOON - 1:00PM: Technical Presentation

**Fees:**

\$50 for the meeting and lunch at Churrascos

The STLE Houston Section's Monthly meeting provides a platform to advance your knowledge, learn current trends in tribology, lubrication and related industries, and much more.

**STLE Houston Section Calendar of Events (2023 - 2024)**

September 8, 2023	Cancelled	
October 13, 2023	Amelia Hadler, Technology Development Manager, Metalworking Additives, Lubrizol presented " <i>Evaluation of Additives Benefits for CGI Machining Fluids</i> ".	<a href="#">Maggiano's</a> , 2019 Post Oak, Houston
October 30, 2023	Annual Golf Outing	Augusta Pines, Spring, TX
November 10, 2023	Salvatore Rea, Technical Service Manager at LANXESS presented " <i>Environmental Advantages of Sulfur Containing EP Additives in Metalworking Processes</i> ".	<a href="#">Maggiano's</a> , 2019 Post Oak, Houston
December 8, 2023	Facility Tour – Texas A&M	Texas A&M
January 12, 2024	Vasilis Tsigki and Seungjoo Lee of TAMU on their Scholarship projects/applications	<a href="#">Churrascos</a> , 21 Waterway Ave, The Woodlands, TX 77380
<b>February 9, 2024</b>	<b>Gavin Duckworth, President of Novel Reliable Technologies with "<i>What are PMA's (Poly(methyl acrylate)), why to use them, and when to use them</i>".</b>	<a href="#">Churrascos</a> , 21 Waterway Ave, The Woodlands, TX 77380
March 5, 2024	2024 Annual Houston STLE Lube School	<b>Sasol</b> , 12120 Wickchester Lane, Houston
April 19, 2024	Dr. Hui Wang of Calumet	<a href="#">Churrascos</a> , 21 Waterway Ave, The Woodlands, TX 77380
May 19 – 23, 2024	<a href="#">STLE Annual Meeting &amp; Exhibition</a>	Minneapolis, MN
September TBD, 2024	First Technical Meeting of the new season	TBD