



73rd STLE Annual Meeting & Exhibition
May 20-24, 2018, Minneapolis, Minnesota, USA

CALL FOR PAPERS

LUBRICATION FUNDAMENTALS

Dear Colleagues,

Lubrication Fundamentals Technical Committee is soliciting papers for presentations for the 73rd STLE Annual Meeting & Exhibition that will be held on May 20-24, 2018 in Minneapolis, Minnesota. Theoretical, experimental, and/or case studies focusing on improving lubrication performance and the corresponding mechanism understanding will be considered for presentations. These topics include (but are not limited to):

- Boundary/mixed/Elastohydrodynamic Lubrication
- Advanced Surface Engineering/Solid Lubrication
- Nanotribology/Fundamental Limitations
- Ionic Liquids
- Polymer rheology
- Correlation between Lubrication, Friction, and Wear
- Bridging Lab Testing and Field Experience
- Fundamental understanding of traditional and novel Lubricant additives for:
 - Fuel efficiency improvement and fuel economy retention
 - Viscosity modification
 - Oxidation stability
 - Wear protection
 - Seal compatibility
 - Deposit control
 - Corrosion inhibition, etc.

Please mark your calendar and submit your 100-150 word abstract no later than:

October 1st, 2017

Please submit your abstract(s) at <https://stle2018.abstractcentral.com>. You will access a set of instructions that direct you on how to create your own account. Please check the Session "**Lubrication Fundamentals**". Information on the technical sessions to be held at the 2018 Annual Meeting can also be found on <http://www.stle.org/annualmeeting>.

For questions related to Lubrication Fundamentals abstract submissions, please contact Xingliang He (Paper Solicitation Chair), Northwestern University: he.xingliang@northwestern.edu

We greatly look forward to receiving your submissions.

Deadlines and Contacts

Abstract submission Deadline: October 1st 2017 – Submission of Presentation Abstract.

If you need further information please contact:

Annual Meeting Program Committee Jeffrey M. Guevremont, Ph.D. American Refining Group, Inc. 77 North Kendall Avenue Bradford, PA 16701 Email: jguevremont@amref.com	
Technical Committee Chair Brendan Miller Chevron Oronite Company, LLC 100 Chevron Way Richmond, CA 94802 Email: brendan.miller@chevron.com	Technical Committee Vice Chair Mihir Patel Chevron Lubricants 100 Chevron Way Richmond, CA 94802 Email: Mihir.Patel@chevron.com
Paper Solicitation Chair (PSC) Xingliang He Department of Mechanical Engineering Northwestern University Evanston, IL 60202 Email: he.xingliang@northwestern.edu	Vice PSC Christopher G. Kabana Gold Eagle Company 4400 S. Kildare Ave. Chicago, IL 60632 Email: chris.kabana@gmail.com

For questions on general information of the 2018 STLE Annual Meeting & Exhibition, please contact **Mr. Merle Hedland** at mhedland@bacon-hedland.com