



SOCIETY OF TRIBOLOGISTS
AND LUBRICATION ENGINEERS

Dedicated to advancing the science of tribology and best practices in lubrication engineering.

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STLE Hosts Cooper High School for Student STEM Camp

*Minnesota students to participate in scientific experiments
focusing on tribology and lubrication engineering*

Park Ridge, Illinois (May 16, 2018) – The Society of Tribologists and Lubrication Engineers ([STLE](http://www.stle.org)) will host [Cooper High School](#) (New Hope, Minnesota) for its 6th Annual Tribology STEM Camp, from 9:00 a.m. to 1:00 p.m., on Monday, May 21, 2018. The event will be held at the Minneapolis Convention Center in Minneapolis, Minnesota as part of STLE's [73rd Annual Meeting & Exhibition](#).

During the STEM Camp, students will have the opportunity to engage with STLE members and participate in [12 tribology- and lubrication-related experiments](#), led by engineers, researchers and scientists, to learn about areas of research within the fields of tribology and lubrication engineering, such as friction, viscosity, wear and grease.

STLE's goal is to provide support for STEM (science, technology, engineering and mathematics) education and introduce high school students with an interest in engineering, including chemistry and mathematics, to career opportunities in the fields of tribology and lubrication engineering.

"STLE's Board of Directors, as part of its strategic plan for the Society, has designated student outreach programs, such as the STEM Camp, as a major initiative," says Edward P. Salek, CAE, STLE executive director. "To support future workforce development needs, STLE members and their organizations are looking for opportunities to inspire students in making the case for a career in the tribology and lubricants business."

[Tribology](#) is the study of moving surfaces that interact with one another – including the science of friction, lubrication and wear – and can enable advancements that enhance the performance of any system that moves. Tribology has a variety of applications, including automotive, aerospace, biomedical, manufacturing, cosmetics and human joint replacements.

As much as one-third of all usable device-produced energy is lost to friction and wear, which costs industry and consumers billions each year. The application of tribological advancements in industrial processes can reduce machine wear, downtime, energy use, man-hours, waste and maintenance costs – resulting in improved productivity, profitability, sustainability and safety.

Lubrication engineering relates to the reduction of friction and wear between relatively moving parts. It is the practical application of the science of tribology, generally in the development of lubricants and their proper use and maintenance.

More than 1,600 lubrication professionals and thought-leaders from around the world are expected to attend STLE's 73rd Annual Meeting & Exhibition. The conference includes more than 500 technical-paper presentations, 12 lubrication-specific education courses, a 150-exhibitor trade show and international business networking opportunities.

For more information on STLE's 6th Annual Tribology STEM Camp, contact Karl Phipps at +1 847-825-5536 or khipps@stle.org. For a detailed schedule of conference events, visit www.stle.org/annualmeeting.

About the Society of Tribologists and Lubrication Engineers (STLE)

The [Society of Tribologists & Lubrication Engineers](http://www.stle.org) (STLE) is the premier technical society serving the needs of over 13,000 individuals and 250 companies and organizations that comprise the tribology and lubrication engineering business sector. STLE members are employed by the world's leading corporations, academic institutions and by governmental agencies dealing with science and technology. STLE supports these distinguished technical experts with a variety of professional education and certification programs. For more information, visit www.stle.org.

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