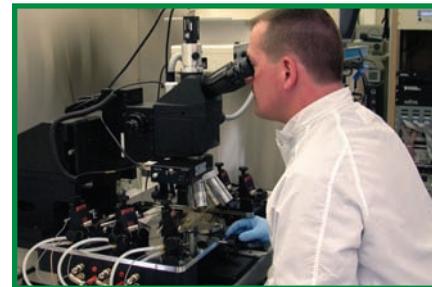
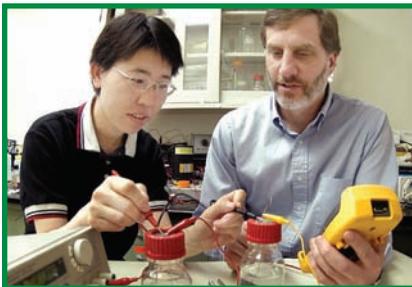




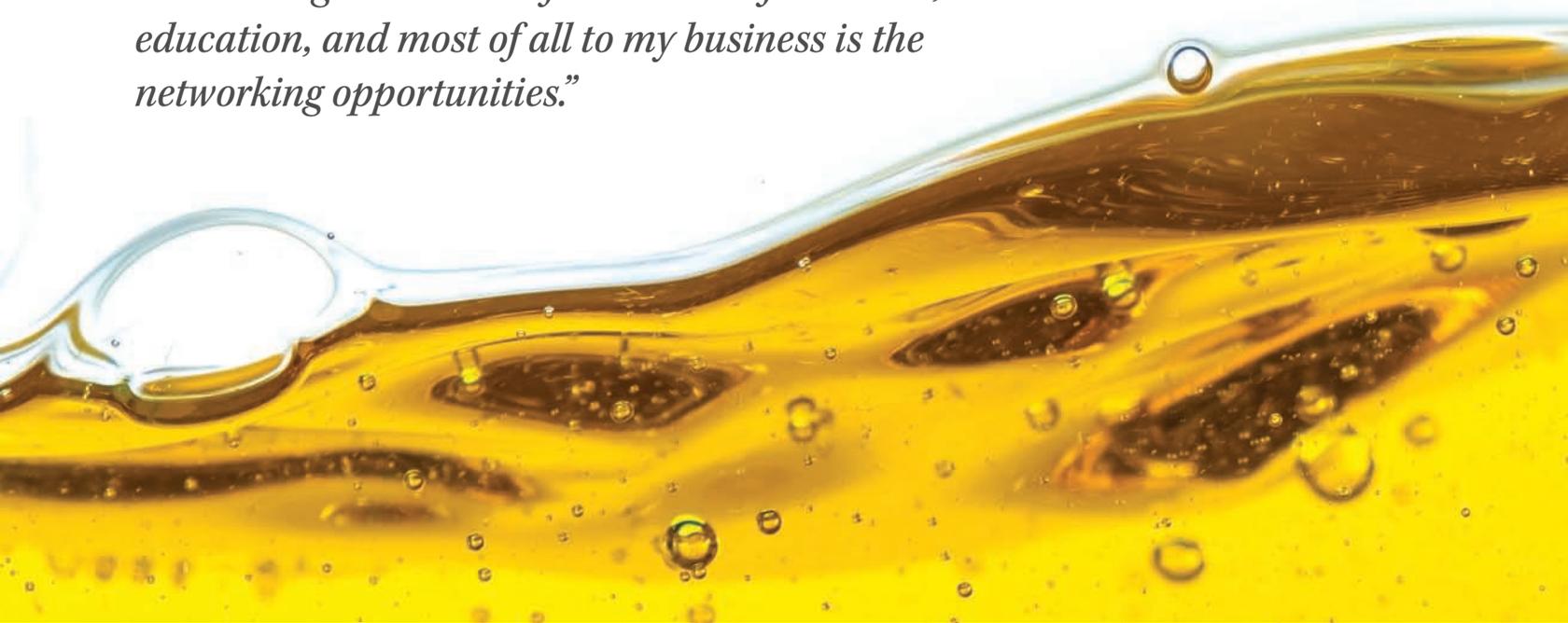
Society of Tribologists and Lubrication Engineers

# Member Benefits Guide

**Connect. Learn. Achieve.**



*“STLE is a great source of technical information, education, and most of all to my business is the networking opportunities.”*



Society of Tribologists and Lubrication Engineers

840 Busse Highway • Park Ridge, Illinois 60068 (USA) • (847) 825-5536 • [membership@stle.org](mailto:membership@stle.org) • [www.stle.org](http://www.stle.org)



Society of Tribologists and Lubrication Engineers

For more than 75 years, the Society of Tribologists and Lubrication Engineers (STLE) has been the premier technical society for the tribology and lubrication engineering business sector.

STLE serves more than 15,000 industry professionals throughout North America and the rest of the world with industry-specific education and training, professional resources, technical information and career development. Our product suite includes meetings and conferences, certifications, print and digital publications, Webinars, and both face-to-face and online education courses.

## Our Mission

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.

## Our Purpose

To advance STLE's mission, maintain industry relevance, and deliver on the Society's value proposition: **Connect. Learn. Achieve.**

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**The Society of Tribologists and Lubrication Engineers (STLE)** is a professional technical society providing a selection of robust resources in technical research, education and professional development delivered through programming, courses, events and periodicals on topics most important to you: safety, energy usage, maintenance, natural resources, wear and productivity.



STLE's members are technical experts who research, develop and market the methods and products that make industry more successful and that enhance the well-being of people worldwide. They are employed by the world's leading corporations and academic institutions and by governmental agencies dealing with science and technology.

Membership is available to those interested in staying current in the latest technologies, advancing their careers and making professional connections from around the world.

As a member of the leading technical organization for lubrication professionals, you have access to the resources you need to succeed, as well as leadership opportunities and a community of industry experts to further your career. We value your membership and want to be sure you are taking advantage of the many resources available to you.

## STLE Membership is a Low-Cost Investment with High Professional Rewards!

While this guide provides a brief overview of the key benefits that STLE offers, be sure to visit [www.stle.org](http://www.stle.org) for the very latest in STLE's:

- Networking and Events
- Education and Certification
- Webinars
- Local Sections
- Industry Information and Publications
- Career Center

STLE is committed to ensure that we're providing the best possible support and resources to advance the industry and help you **Connect, Learn and Achieve.**

## STLE's New Strategic Plan: Creating A Bold Future

STLE has adopted a revised 2020-2023 Strategic Plan, which charts the organization's course over the next three years. The plan required a close look at who we are, both as an organization and a membership. While our mission and purpose define how and why our Society serves you, we have taken a step further to develop a new vision to better reflect the importance and goals of our members' work. The result is a new vision statement that succinctly states what tribology and lubrication engineering strives for: **Perfecting Motion.**

You depend on STLE the same way your employers and clients depend on your expertise. That's why it's crucial that we continually reassess where we are, where we want to be, and how we get there. We look forward to you joining us on this journey as we move forward with our new strategic plan. To learn more, visit [www.stle.org/strategicplan](http://www.stle.org/strategicplan).



*“There is a certain recognition and respect that is conferred on me due to my affiliation with STLE.”*





## CONNECT

STLE members are linked by a common interest in tribology and lubrication engineering. Our community cuts across a wide range of education levels, technical backgrounds and industries, representing all segments from early career researchers, engineers, chemists to lubricant suppliers and senior corporate management. Collaborate and network with colleagues around the world, all of whom are committed to sharing and connecting with you.

### Meetings & Conferences

**STLE Annual Meeting & Exhibition:** STLE's Annual Meeting & Exhibition is the lubricant industry's most respected venue for technical information, professional development and business networking opportunities. The STLE Annual Meeting is held in May each year, with more than 1,600 attendees gathered from around the world for five days of technical presentations that cover every aspect of tribology and lubrication, industry-specific education courses, poster sessions, the popular Commercial Marketing Forum, an exhibitor trade show showcasing the latest products, services and technologies and much more!



**Tribology Frontiers Conference:** The biannual Tribology Frontiers Conference is hosted by STLE and co-sponsored by the Tribology Division of the American Society of Mechanical Engineers (ASME). The TFC is designed for industry, academic and government researchers to share

tribology's most cutting-edge research and explore the role our science will play in solving future scientific and societal changes. The TFC includes invited keynote presentations, technical and poster sessions, "Meet the Experts" seminars, a continuing education course, and offers a unique opportunity for thought leaders to network with the world's top tribology researchers.



**Local Section Meetings:** In addition to national meetings, STLE also sponsors local section meetings, held throughout the U.S. and Canada, that regularly provide quality programming on a variety of industry-related topics, sponsor educational seminars, as well as host networking and social events. Attending local section meetings is a great opportunity to engage with other industry colleagues and to develop the kinds of professional contacts and friendships that can last a lifetime.



## Networking

**Technical Committees:** STLE is first and foremost an organization of industry professionals who come together with a mutual interest in the field of tribology and lubrication. For example, the practical work of STLE's Technical Committees involves a worldwide community of contributors that share their technical expertise and knowledge in an area of specialization. Much of the work of the Society's technical committees is to develop content and meeting programming for the STLE Annual Meeting and other technical conferences, as well as contribute papers published in STLE's journals and publications.

**Membership includes access to join any one of 22 technical committees devoted to subjects of interest to the STLE community:**

- Biotribology
- Condition Monitoring/Predictive Maintenance
- Contact Mechanics
- Engine and Drivetrain
- Environmentally Friendly Fluids
- Fluid Film Bearings
- Gears and Gear Lubrication
- Grease
- Lubrication Fundamentals
- Materials Tribology
- Metalworking Fluids
- Nanotribology
- Nonferrous Metals
- Power Generation
- Rolling Element Bearings
- Seals
- Student Posters
- Surface Engineering
- Synthetic Lubricants
- Tribotesting
- Wear
- Wind Energy



**Corporate Membership:** STLE delivers significant benefits and savings on the Society's most valuable products and services to the lubricant industry's leading companies. With STLE corporate membership, organizations are able to educate their employees, promote their business, market their products, raise their industry profile and receive immediate access to an international professional network. Opportunities include access to exhibit or sponsor activities, publications, meeting registrations to STLE conferences, education courses, and webinars. We also offer electronic advertising in our weekly eNewsletter and website.

**Volunteer Opportunities:** STLE offers [volunteer opportunities](#) to show your dedication in advancing the profession and the organization. Become a Technical Committee Chair, Local Section Officer, Education Course Instructor or Board of Directors member. STLE volunteers come from every segment of the Society's membership, and new openings are always coming up for those ready to develop your leadership skills and lead STLE and the lubricants industry into the future. This is your chance to give back to the industry that has given so much to you. To learn more about available volunteer openings, email [volunteer@stle.org](mailto:volunteer@stle.org).

**If you would like to get involved with a technical committee, email [committees@stle.org](mailto:committees@stle.org).**

## Get Involved with STLE Local Sections

As an STLE member, you automatically are part of your local section, where you can expand your peer network, learn new skills and contribute to your professional growth in the industry. To connect with local section leaders nearest you in these geographical areas or learn more on how to organize your own section [click here](#).

- STLE Alberta Section
- STLE Canton Section
- STLE Central Illinois Section
- STLE Chicago Section
- STLE Cleveland Section
- STLE Detroit Section
- STLE Hamilton Section
- STLE Houston Section
- STLE Lower Ohio River Valley Section
- STLE North Texas Section
- STLE Northern California Section
- STLE Oklahoma Section
- STLE Philadelphia Section
- STLE Pittsburgh Section
- STLE Portland Section
- STLE Seattle-Tacoma Section
- STLE Toronto Section
- STLE Twin Cities Section
- STLE Upper Ohio Valley Section
- STLE Virginia Section

**Membership Directory:** The [online membership directory](#) provides quick and current access to connect and network with other STLE members. You can search by specific profile fields such as titles, company and location.



## STLE Social Media

STLE maintains a variety of social media pages and groups. Connect and keep up with the latest updates, events, and engage with STLE members worldwide.

### Twitter

Follow STLE on Twitter for live updates on events, industry news, and more.

[@STLE\\_Tribology](#)

### Facebook

Follow the STLE page on Facebook to see status updates, read articles, and share pictures and experiences.

[@STLE.org](#)

### YouTube

View the latest videos from STLE.

[youtube.com/STLEMedia](#)

### Instagram

Follow STLE's Instagram for stories, posts, and updates on events and industry news.

[@STLE\\_Tribology](#)

### LinkedIn

Subscribe to STLE's LinkedIn group to see content and network with industry professionals.

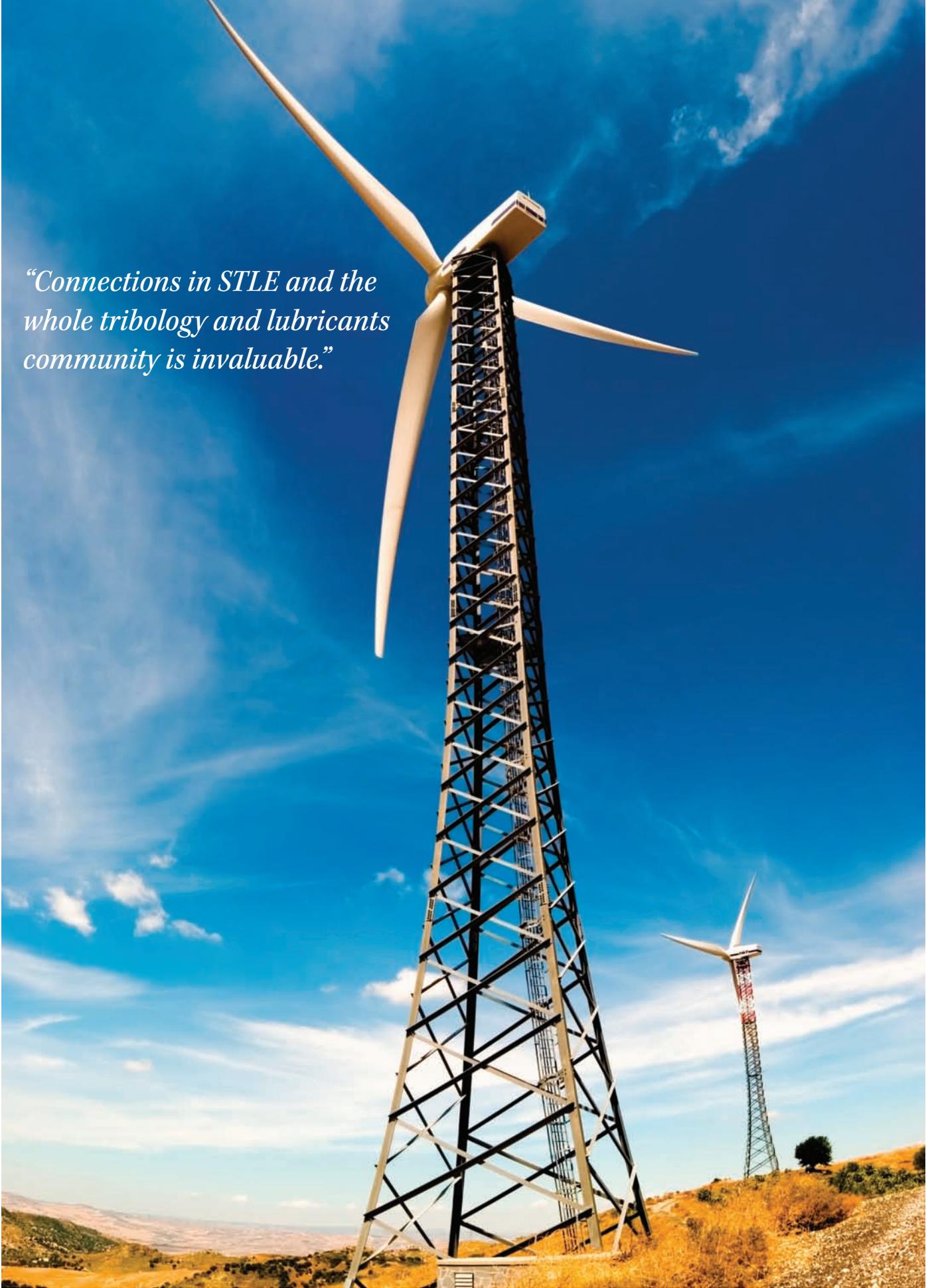
[Linkedin.com/company/society-of-tribologists-and-lubrication-engineers](#)

### Flickr

Find STLE's extensive photography collection of members and events.

[flickr.com/photos/stle](#)





*“Connections in STLE and the whole tribology and lubricants community is invaluable.”*





## LEARN

STLE has a robust and well-known tradition of providing continuing education opportunities, as well as up-to-date technical & scientific information covering the latest news, topics and research through our publications, technical peer-reviewed journals and industry reports. Whatever your interests, goals, and ambitions may be, we're here to help educate you to compete in the ever-changing global business environment.

### STLE Education

**Webinars:** Facilitated by leading lubrication industry experts, STLE webinars offer best practices and strategies designed to increase your technical knowledge on a variety of topics in the field. Participation in webinars provides an opportunity to learn the full scope of tribology and lubrication challenges your peers are facing, and gain knowledge of successful strategies to overcome these challenges to implement in your own organization. Webinar recordings are available for viewing at your convenience, and most webinars you can earn eligible credit towards renewal requirements of STLE certifications.

**Online Short Courses:** Designed for those looking for broad general information on technical topics, our self-directed online short courses include several learning modules that cover essential information to individuals new to the industry or need further understanding on specific content areas. Course offerings include basic lubrication, fluid management and recycling, lubrication composition, and metalworking fluids.

**STLE Metalworking Fluid Management Program:** A two and a half-day education program (typically held in February or March of each year), STLE's Metalworking Fluid Management Program offers a solid overview of metalworking fluid management and is tailored to provide industry professionals with a comprehensive look at the latest techniques and practices that are sure to improve your organization's metalworking fluid operation. At the end of the program, participants are awarded a certificate of completion and have the option to sit for the STLE Certified Metalworking Fluids Specialist™ (CMFS) exam.



**Onsite Education Courses:** STLE's Annual Meeting education program features 12 lubrication-specific courses offered to specific audience segments (e.g., engineers, formulators, distributors, salespeople) and vary by topical area and level of expertise (basic to advanced). These full one-day courses are only held once a year at the Annual Meeting in May.

**The STLE Learning Pathways** is an online resource library for lubrication industry professionals designed to help identify, align and target their education and career development needs. This body of knowledge includes extensive peer-reviewed reference materials filtered by relevant key subject areas (Priority Groups) and then further divided into basic, intermediate, and advanced competency levels for better use as a self-study or reference guide.





Society of Tribologists and Lubrication Engineers

## Publications and Technical Journals

### TLT Magazine



**Tribology & Lubrication Technology (TLT)** is the official monthly publication of STLE and was created to aid in the technical education and professional development of STLE members and industry colleagues. Through its print and digital editions, TLT delivers world-class technical content and includes feature articles, best practice analyses, industry

surveys, interviews with leading lubrication professionals, emerging-technology reports, lubrication fundamentals and much more. Members can also search the [TLT Archives](#) for web access to previous articles or search for topics using the keyword search on the STLE website.

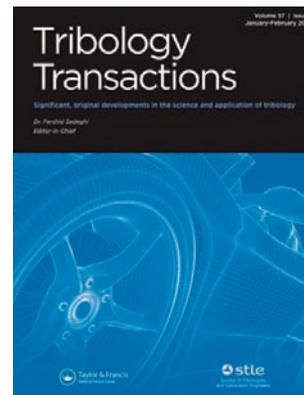
### Tribology Letters

**Tribology Letters** is an STLE-affiliated journal devoted to the development of the science of tribology and its applications, particularly focusing on publishing high-quality papers at the forefront of tribological science and that address the fundamentals of friction, lubrication, wear or adhesion. The journal facilitates communication and exchange of seminal ideas among thousands of practitioners who are engaged worldwide in the pursuit of tribology-based science and technology. STLE members have full access to the journal online and can search the complete archives.

### Tribology Online

Published by the Japanese Society of Tribologists (JAST), **Tribology Online** aims to facilitate exchange of information through rapid publication of high-quality papers for the worldwide development of tribology. The scope includes all aspects of tribology and other science and engineering areas that relate to the subjects of tribology. This English-language journal is available free online to STLE members.

### Tribology Transactions



**Tribology Transactions** is STLE's bimonthly scientific journal that contains peer-reviewed experimental and theoretical technical papers on lubrication, friction and wear of materials from the macro to the nanoscale. Tribology Transactions features more than 2,000 published papers of relevance to a wide variety of industries and is read and referenced by

thought leaders in the field of tribology in countries around the world. STLE members have full access to the journal online and can search the complete archives.



### CRC Press Publications

STLE members receive special discounts on the latest [essential books](#) in tribology and lubrication offered by our publishing partner CRC Press – Taylor and Francis Group.

#### Featured titles include:

- Metalworking Fluids
- Surface Modification and Mechanisms: Friction, Stress, and Reaction Engineering
- Extreme Tribology: Fundamentals and Challenge
- Interfacial Mechanics: Theories and Methods for Contact and Lubrication
- Tribology and Applications of Self-Lubricating Materials
- Bearings: Basic Concepts and Design Applications
- Contact Dynamics: Method of Differential Specific Forces
- Tribology of Interface Layers

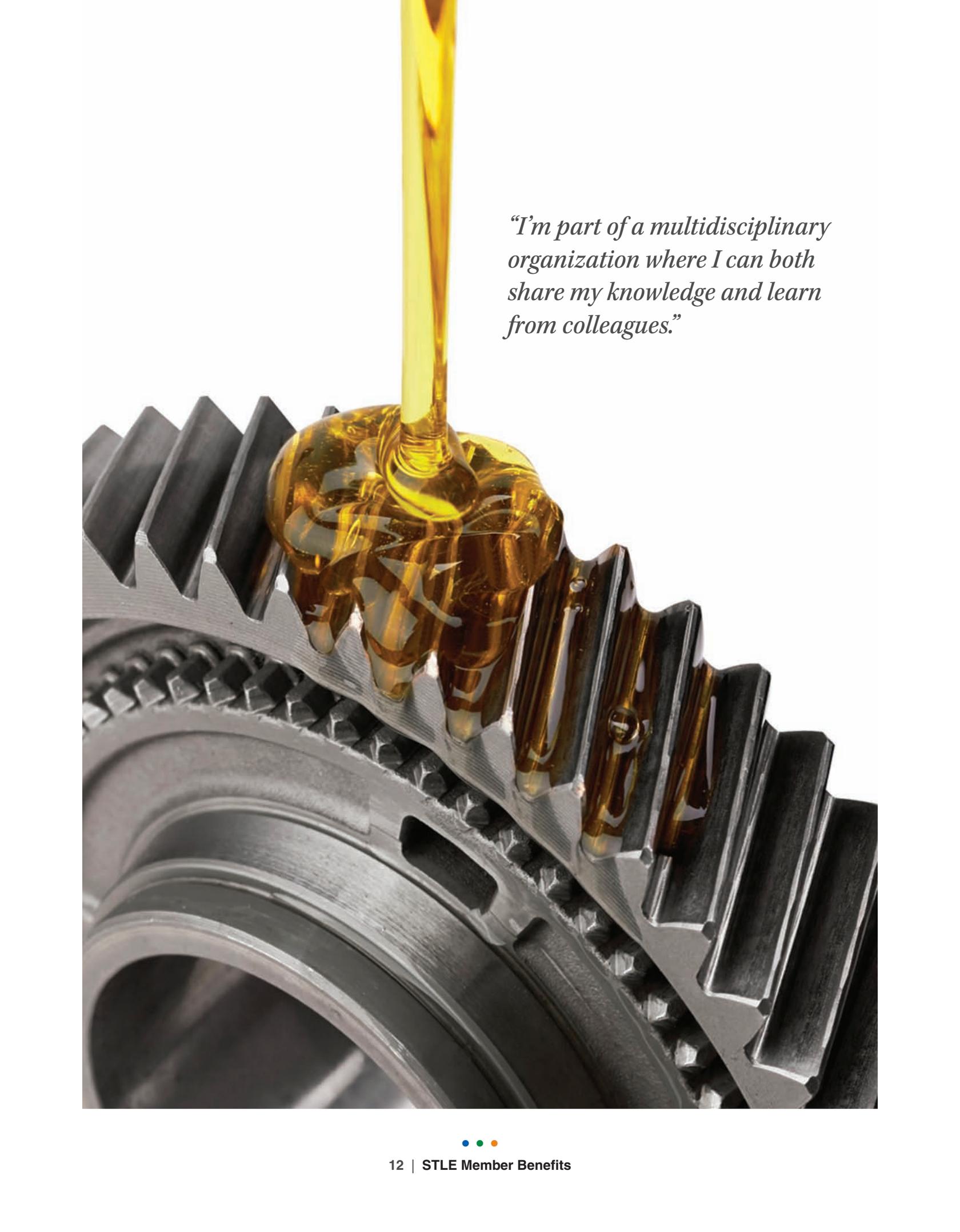
For more information about CRC Press, [click here](#).



### Emerging Issues and Trends in Tribology and Lubrication Engineering

The [STLE Emerging Trends Report](#) provides tribology and lubrication professionals valuable insight into future technical challenges and commercial opportunities

that will have an impact on the field. Based on input from academic, government and industry experts, this triennial publication builds on a multiphase research effort to evaluate current trends and predict future developments impacting the tribology and lubricants industry that has been published in the first three Emerging Trends Reports in 2014, 2017 and 2020. The report summarizes key findings that are divided into two sections: (1.) Application Sectors (transportation, energy, manufacturing, and medical/health), and (2.) Field Issues (workforce issues, research funding, materials costs and availability, safety, the environment and basic human needs, and government regulation).



*“I’m part of a multidisciplinary organization where I can both share my knowledge and learn from colleagues.”*





## ACHIEVE

Whether you're an industry novice or experienced professional in the field of tribology and lubrication, STLE gives you the tools to help you grow your technical knowledge, accelerate your career, and recognize your accomplishments and contributions to the scientific and technical community to help advance the industry and advocate for the profession to benefit our society.

### STLE Certification

Becoming STLE certified not only verifies your technical expertise, but it also demonstrates your professional dedication to your employer, customers and peers. [STLE certification](#) is earned through education, experience, and a challenging program of examinations, which are offered in-person and/or online. **STLE offers four technical certifications.**



Plan now to attain your STLE certification. To learn more or schedule your exam, email [certification@stle.org](mailto:certification@stle.org).

#### **Certified Lubrication Specialist™ (CLS)**

STLE's signature certification is held by more than 1,500 lubrication professionals and remains the industry's standard for technical excellence. Independent studies show that CLS-certified professionals earn more money, supervise larger staffs and are more likely to receive raises. Designed for technical specialists, CLS also is held by hundreds of sales and marketing reps.

#### **Certified Oil Monitoring Analyst™ I & II (OMA)**

STLE's OMA certification is for the predictive maintenance professional and demonstrates proficiency in sampling and analyzing oil properties. OMA I is for the individual taking the oil sample on the shop floor. OMA II is for the person responsible for running the proper tests, interpreting data and managing the lubrication program.

#### **Certified Metalworking Fluids Specialist™ (CMFS)**

STLE's CMFS certification verifies knowledge, experience and education in this growing and specialized field. CMFS is for individuals with responsibility for metal-removal or forming management, application and handling of metalworking fluids and related materials.



## Awards, Fellowships and Student Scholarships



STLE sponsors a broad range of national and local section awards to recognize individuals for outstanding technical achievements, industry service, and publishing excellence in the field of tribology and lubrication engineering that support our mission. The [STLE Awards Program](#) acknowledges the accomplishments of both members and nonmembers who have advanced the science of tribology with cutting-edge research and new innovative applications.

STLE administers several awards, including such prestigious honors as:

- The STLE International Award
- The P.M. Ku Award for Outstanding Industry Service
- The Vic Joll Award for Outstanding STLE Local Section Member
- The Raymond L. Thibault Excellence in Education Award
- The Edmond E. Bisson Award for Outstanding Contribution in the Field of Tribology
- The Walter D. Hodson Early Career Award
- The Wilbur Deutsch Memorial Award for Outstanding Contribution to Practical Applications of Lubrication
- The Captain Alfred E. Hunt Memorial Award for Outstanding Contribution in Lubrication Science
- The Al Sonntag Award for Outstanding Contribution to Solid Lubrication
- The Frank P. Bussick Award for Outstanding Contribution to Seal Technology

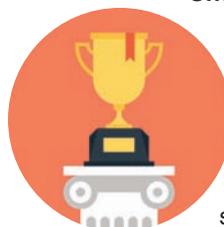


**STLE Early Career Awards:** The [STLE Early Career Awards](#) recognizes each year the technical achievements of STLE student members, young researchers and junior-level academic faculty for outstanding contributions in the field of tribology and provides financial support for attendance to the STLE Annual Meeting.

**STLE Career Center:** Looking for a new employee, or ready to take the next step in your career? We'll help you find the opportunity that's right for you. The [STLE Career Center](#) is the leading online recruitment resource for the lubricants industry.

Employers and recruiters can find the best candidates in the lubrication field and be visible to active job seekers. Browse resumes or post jobs for engineers, lubricant developers and sales professionals. Job seekers can post resumes (public or anonymous) and receive email notifications of new job opportunities that match your search criteria.

**STLE Presidential Awards Program:** STLE grants three [academic scholarships](#) annually to undergraduate and graduate students: the **E. Richard Booser Scholarship for Undergraduate Students**, the **Elmer E. Klaus Fellowship for Graduate Students**, and the **Jeanie S. McCoy Scholarship for Women Students**. These awards are administered by the STLE Presidential Council to encourage students to pursue an advanced degree or a career in tribology or lubrication engineering by subsidizing a research project related to the field.



## STLE Fellows Program



Awarded annually, the [STLE Fellows](#) designation is granted to members who have made a significant impact and demonstrated outstanding personal achievement in the field of tribology and/or lubrication engineering and volunteer service to the STLE community.



**Tribology Day at Argonne National Laboratory.**





## *At A Glance*

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**3,000**

STLE Individual Members

**200**

STLE Corporate Members

**300+**

STLE's Active Volunteer Members

**70 countries**

Representing a diverse population of STLE members, reflecting our growing presence in Europe and China.

**2,000+**

STLE Certified Industry Professionals  
(CLS™, OMA I & II™, and CMFS™ technical certifications)

**8**

Full-time equivalent positions make up STLE's staff.  
Many staffers hold professional certifications and advanced degrees.

**Connect. Learn. Achieve.**

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