STLE’s Webinar Archive by Topic (through December 2013)

Webinars are 60-minute presentations by industry experts broadcast via WebEx, a webinar software. With your purchase, you have access to the live event, and you receive a copy of the presentation slides, a copy of the recording and related articles/materials. Webinars are $39 for members; $59 for non-members. STLE webinars can also be used towards recertification – see requirements for details.

Each year, we work to create a robust and diverse schedule of education topics and instructors. Below, you will see a list of all webinar topics that have been held (or will be held) through the end of 2013, organized by technical area. Click on the titles for more information.

We’d love to have you join us for one of our webinars! For questions or topic suggestions, contact Kara Sniegowski at ksniegowski@stle.org or at (847) 825-5536.

ARCHIVED WEBINAR TOPICS

AEROSPACE
- Space Tribology Challenges On-Board the International Space Station

BASICS/FUNDAMENTALS
- Base Oils: Their Manufacture, Properties, Performance and Applications
- Basics of Lubricant Additives
- Basic Synthetics
- Bearing Fundamentals
- Fundamentals of Filters & Filtration
- Fundamentals of Grease
- Fundamentals of Industrial Enclosed Gears & Their Lubrication
- Lubricant Test Methods
- Re-Refining 101
- Solvents & Cleaners in Industrial Applications

BEARINGS & GEARS
- Bearing Fundamentals
- Bearing Damage Analysis, Part I: Rolling Element Bearings & Part II: Going Beyond Rolling Elements
- Fundamentals of Industrial Enclosed Gears & Their Lubrication
- Grease Selection for Rolling Element Bearings

CONDITION MONITORING
- Condition Monitoring Data Interpretation (1 ½ hour overview)
- Advanced Data Interpretation/Alarm Limits (the following 6 events can be purchased as stand-alone events, or as part of the Condition Monitoring Data Interpretation Series – available at a 10% discount)
- Spectrographic Data Interpretation I: Contaminants & Wear
- Spectrographic Data Interpretation, Part II: Additive Metals
- Physical Properties Data Interpretation
- Additional Testing (FTIR, AN, BN, Particle Counting)
- Advanced Report Reading

ENGINE & DRIVETRAIN
- Automatic Transmission Fluids
- Component Performance in Formulating Engine Oils
- Equipment Fleet Maintenance
- Heavy Duty Engine Oils, Evolution & Status
- Heavy Duty Diesel Engine Oil: Emission Strategies and Their Effects on Engine Oils
- Piston Ring Conformability
- The Future of Automotive Propulsion
- Tribological Perspective on Engine Friction Reduction

FOOD GRADE (the following 3 events can be purchased as stand-alone events, or as part of the Food Grade Series – available at a 10% discount).
- Food Grade Lubricants
- Food Grade Lubricants & Their Regulation
- Grease and its Use in Food Processing
GOING GREEN
- Biobased Lubes & Greases: Respected Market Contenders
- Challenges in Using Environmentally Friendly Fluids
- Current Issues in Wind Energy Tribology
- The USDA's BioPreferred Program

GREASE, COATINGS
- Fundamentals of Grease
- Grease and Its Use in Food Processing
- Grease Compatibility
- Grease Selection for Rolling Element Bearings
- Lubrication Beyond Oil & Grease: Antifriction Coatings and Anti-Seize Pastes

HYDRAULICS & SYNTHETICS
- Basic Synthetics
- Classification & Testing of Fire Resistant Hydraulic Fluids
- Esters
- Future Trends in Fluid Power
- Polyalkylene Glycols - Present and Future Applications
- Synthetics: Existing and Emerging Materials

LUBRICATION PROGRAMS
- Lubricant Test Methods
- Reliability-Centered Lubrication, Part I
- Reliability-Centered Lubrication, Part II
- Reliability-Centered Lubrication, Part III

METALWORKING
- Emulsifiers 101
- Emulsifiers 201
- Emerging Issues in Metalworking Fluid Microbiology: Biofilm Control
- Metalworking Fluid Microbiology Basics
- Monitoring Metalworking Fluid Microbial Contamination
- Microbial Contamination Control of MWFs
- OSHA's New GHS Haz Com Regulations: Challenges for Metalworking Formulators
- VOC Emissions from MWFs
- Waste Treatment of Metalworking Fluids

POWER GENERATION
- Air Compressors & Their Lubrication
- Current Issues in Wind Energy Tribology
- Gas and Process Compressors & Their Lubrication

SALES
- Getting to No: 5 Steps to Streamline Your Sales Process to Make Sales Faster and More Frequently
- Prospecting in the Digital Age: Using New Media to Generate More (and Better) Leads
- Using NEADS Analysis to Get to "Yes" in Industrial Sales

STEEL
- Lubrication & Machinery in the Steel Industry