

2022 STLE Annual Meeting Program-At-A-Glance

UPDATED - Preliminary as of 11-24-2021

Sunday, May 15, 2022

Registration

7 am – 6 pm – Convention Center Foyer

Education Course Speakers Breakfast

7 – 7:45 am – Northern Hemisphere C

Education Courses - 8 am - 5 pm

Advanced Lubrication 301 – Asia 1

Metalworking Fluids 115 – Asia 2

Basic Lubrication 101 – Oceanic 2

Synthetic Lubricants 203 – Asia 3

NLGI – Grease 101 – Oceanic 1

Electric Vehicles – Asia 4

Course F&B Breaks – Asia Foyer

Student Networking Reception - 6:30 – 8 pm – TBD

Monday, May 16, 2022

Registration

7 am – 6 pm – Convention Center Foyer

Monday Speakers Breakfast

7 – 8 am – Northern Hemisphere C

Technical Sessions - 8 am - 10 am

1A – Electric Vehicles I – Southern Hemisphere I

1B – Lubrication Fundamentals I – Contact Models I – Southern Hemisphere II

1C – Commercial Marketing Forum I – Southern Hemisphere III

1D – Tribotesting I – Southern Hemisphere IV

1E – Surface Engineering I – Southern Hemisphere V

1F – Seals I – Rotary Rod Seals – Northern Hemisphere A1

1G – Grease I – Northern Hemisphere A2

1I – Biotribology I – Northern Hemisphere A3

1J – Wear I – Northern Hemisphere A4

1K – 2D Materials + Superlubricity – Materials Tribology & Nanotribology I – Northern Hemisphere E2

1L – Power Generation I – Northern Hemisphere E3

1M – Rolling Element Bearings I – Northern Hemisphere E4

10 – 10:30 am Beverage Break in Convention Center Foyer

Opening General Session - 10:30 am – 12 pm

Keynote Address TBD - Northern Hemisphere B-D

Lunch on your own - 12 pm – 1:30 pm

Commercial Exhibits and Student Posters

12 – 5 pm – Atlantic

Technical Sessions - 1:30 pm – 6 pm

2A – Electric Vehicles II – Southern Hemisphere I

2B – Lubrication Fundamentals II – Contact Models II – Southern Hemisphere II

2C – Commercial Marketing Forum II – Southern Hemisphere III

2D – Tribotesting I – Southern Hemisphere IV

2E – Surface Engineering II – Southern Hemisphere V

2F – Seals II - Mechanical and Elastomeric Seals – Northern Hemisphere A1

2G – Grease II – Northern Hemisphere A2

2H – Tribochemistry I – Northern Hemisphere A3

2I – Biotribology II - Northern Hemisphere A4

2J – Wear II – Northern Hemisphere E1

2K – 2D Materials + Superlubricity – Materials Tribology and Nanotribology II – Northern Hemisphere E2

2L – Power Generation II – Northern Hemisphere E3

2M – Rolling Element Bearings II – Northern Hemisphere E4

3:30 – 4 pm Beverage Break in Exhibit Hall – Atlantic

Networking Reception

6:30 – 8 pm – Northern Hemisphere C-D

Tuesday, May 17, 2022

Registration

7 am – 6 pm – Convention Center Foyer

Tuesday Speakers Breakfast

7 – 8 am – Northern Hemisphere C

Commercial Exhibits and Student Posters

9:30 am – 5:30 pm – Atlantic

Technical Sessions - 8 am – 12 pm

3A – Electric Vehicles III – Southern Hemisphere I

3B – Lubrication Fundamentals III - Stability – Southern Hemisphere II

3C – Commercial Marketing Forum III – Southern Hemisphere III

3D – Tribotesting III – Southern Hemisphere IV

3E – Surface Engineering III – Southern Hemisphere V

3F – Seals III -Hydraulic and Two-phase Seals – Northern Hemisphere A1

3G – Grease III – Northern Hemisphere A2

3H – Tribochemistry II – Northern Hemisphere A3

3I – Biotribology III - Northern Hemisphere A4

3J – Wear III – Northern Hemisphere E1

3K – Contact Mechanics I – Northern Hemisphere E2

3L – Gears I – Northern Hemisphere E3

3M – Rolling Element Bearings III – Northern Hemisphere E4

10 – 10:30 am Beverage Breaks in Exhibit Hall – Atlantic

President's Awards Luncheon/Business Meeting

12 - 2:00 pm – Northern Hemisphere B-D

Technical Sessions - 2 pm – 6 pm

4A – Electric Vehicles IV – Southern Hemisphere I

4B – Lubrication Fundamentals IV - Antiwear & Friction Control – Southern Hemisphere II

4C – Commercial Marketing Forum IV – Southern Hemisphere III

4D – Tribotesting III – Southern Hemisphere IV

4E – Nanotribology I – Southern Hemisphere V

4H – Tribochemistry III – Northern Hemisphere A3

4I – Biotribology IV – Northern Hemisphere A4

4J – Wear IV – Northern Hemisphere E1

4K – Contact Mechanics II – Northern Hemisphere E2

4L – Gears II – Northern Hemisphere E3

4M – Rolling Element Bearings IV – Northern Hemisphere E4

3 – 4 pm Beverage Break in Exhibit Hall – Atlantic

Roundtable Discussions

4 – 6 pm – Northern Hemisphere C

Wednesday, May 18, 2022

Registration

7 am – 6 pm – Convention Center Foyer

Wednesday Speakers Breakfast

7 – 8:00 am – Northern Hemisphere C

Commercial Exhibits & Student Posters

9:30 am – 12 Noon – Atlantic

Education Courses - 8 am - 5 pm

Automotive Lubrication 202: Gasoline – Asia 3

Basic Lubrication 102 – Asia 5

Metalworking Fluids 240 – TBD

Advanced Lubrication 302 – Asia 1

Hydraulics 101 – Asia 2

Synthetic Lubricants 204 – Asia 4

Technical Sessions - 8 am – 12 pm

5A – Engine and Drivetrain V – Southern Hemisphere I

5B – Lubrication Fundamentals V – New Chemistries – Southern Hemisphere II

5C – Commercial Marketing Forum V – Southern Hemisphere III

5D – Condition Monitoring I – Southern Hemisphere IV

5E – Nanotribology II – Southern Hemisphere V

5F – Wind Turbine Tribology I – Northern Hemisphere AB

5G – Environmentally Friendly Fluids I – Northern Hemisphere A2

5H – 2D Materials + Superlubricity – Materials Tribology and Nanotribology III – Northern Hemisphere A3

5I – Biotribology at Nanoscale I – Northern Hemisphere A4

5J – Materials Tribology I – Northern Hemisphere E1

5K – Metalworking Fluids I – Northern Hemisphere E2

5M – Rolling Element Bearings V – Northern Hemisphere E4

Beverage Break - 10 - 10:30 am – Atlantic

12 pm to 1:30 pm - Lunch on Your Own

Technical Sessions - 1:30 pm - 6 pm

6A – Engine and Drivetrain VI – Southern Hemisphere I

6B – Lubrication Fundamentals VI – Southern Hemisphere II

6C – Commercial Marketing Forum VI – Southern Hemisphere III

6D – Condition Monitoring II – Southern Hemisphere IV

6E – Nanotribology III – Southern Hemisphere V

6F – AI and Machine Learning in Tribology I – Northern Hemisphere A1

6G – Environmentally Friendly Fluids II – Northern Hemisphere A2

6H – 2D Materials + Superlubricity – Materials Tribology and Nanotribology IV – Northern Hemisphere A3

6I – Fluid Film Bearings I – Northern Hemisphere A4

6J – Materials Tribology II – Northern Hemisphere E1

6K – Metalworking Fluids II – Northern Hemisphere E2

6M – Rolling Element Bearings VI – Northern Hemisphere E4

3 – 3:30 pm Beverage Break - Foyers

Thursday, May 19, 2022

Registration

7 am – 12 pm – Convention Center Foyer

Thursday Speakers Breakfast

7 – 8 am – Northern Hemisphere C

Certification Exams

8:30 am – 12:30 pm – Asia 4

Technical Sessions - 8 am – 12 pm

7A – Non-ferrous Metals I – Southern Hemisphere I

7B – Lubrication Fundamentals VII – Measurement – Southern Hemisphere II

7D – Condition Monitoring III – Southern Hemisphere IV

7E – Nanotribology V – Southern Hemisphere V

7G – Environmentally Friendly Fluids III – Northern Hemisphere A2

7H – Synthetics and Hydraulics I – Northern Hemisphere A3

7I – Fluid Film Bearings II – Northern Hemisphere A4

7J – Materials Tribology III – Northern Hemisphere E1

7K – Metalworking Fluids III – Northern Hemisphere E2

7L – Tribology of Biomaterials I – Northern Hemisphere E3

7M – Rolling Element Bearings VII – Northern Hemisphere E4

Beverage Break - 10 – 10:30 am – Foyers

12 noon to 1:30 pm – Lunch on Your Own

Technical Sessions - 1:30 pm - 6:00 pm

8A – Non-ferrous Metals II – Southern Hemisphere 1

8B – Lubrication Fundamentals VII - Rheology – Southern Hemisphere II

8E – Nanotribology V – Southern Hemisphere V

8G – Environmentally Friendly Fluids IV – Northern Hemisphere A2

8H – Synthetics and Hydraulics II – Northern Hemisphere A3

8I – Fluid Film Bearings III – Northern Hemisphere A4

8J – Materials Tribology III – Northern Hemisphere E1

8L – Tribology of Biomaterials II – Northern Hemisphere E3

Beverage Break - 3 – 3:30 pm - Foyers