

Program-At-A-Glance

Bally's Hotel & Conference Center ♦ Las Vegas, Nevada (USA) ♦ May 16-20, 2010

Following is a preliminary program schedule that will be updated regularly. Please visit www.stle.org for the most current information. In Las Vegas, please refer to the Program Guide and errata included in your registration bag for the most recent information. **Subject to change.**

Sunday, May 16, 2010

Registration:

7 am – 6 pm ♦ Grand Salon

Speakers Breakfast:

7 am – 8 am ♦ Windows (South Tower)

Education Courses: 8 am – 5 pm

Metalworking Fluids 125: Health, Safety and Microbiology – Las Vegas 3

Synthetic Fluids 203: Non-Petroleum Fluids and Their Uses – Las Vegas 4

Basic Lubrication 103: Lubrication Fundamentals and Basic Applications – Las Vegas 5

Condition Monitoring 101: Maintenance Strategies and Lubricant Testing – Las Vegas 6

Bearings and Their Lubrication – Las Vegas 7

Monday, May 17, 2010

Registration:

7 am – 6 pm ♦ Grand Salon

Speakers Breakfast:

7 am – 8 am ♦ Platinum Room

Education Courses: 8 am - 5 pm

Metalworking Fluids 115: Metal-Removal Fluids – Las Vegas 5

Automotive Tribology 201 – Las Vegas 6

Condition Monitoring 201: Failure Modes and Detection Methods – Las Vegas 7

Monday, May 17, 2010/continued

Technical Sessions: 8 am – 10 am

1A ♦ **Power Generation I** – Bronze 2

1B ♦ **Surface Engineering I** – Bronze 3

1C ♦ **Gears I** – Bronze 4

1D ♦ **Non-Ferrous Metals I** – Palace 1

1E ♦ **Grease I** – Palace 2

1F ♦ **Seals I** – Palace 3

1G ♦ **Tribotesting I** – Palace 4/5

1H ♦ **Commercial Marketing Forum I** – Gold Room

Keynote Address:

10:30 am – Noon ♦ Platinum Room

“Ford’s Blueprint for Sustainability and the Role of EcoBoost Engines,” presented by Dan Kapp, Director, Ford Powertrain Research and Advanced Engineering

Lunch in the Exhibit Hall:

Noon – 1:30 pm

Commercial Exhibits and Student Posters:

Noon – 5:00 pm ♦ Event Center

Technical Sessions: 1:30 pm – 6 pm

2A ♦ **Power Generation II** – Bronze 2

2B ♦ **Surface Engineering II** – Bronze 3

2C ♦ **Gears II** – Bronze 4

2D ♦ **Non-Ferrous Metals II:** Biobased Applications in the Nonferrous Industry – Palace 1

2E ♦ **Grease II** – Palace 2

2F ♦ **Seals II** – Palace 3

2G ♦ **Tribotesting II** – Palace 4/5

2H ♦ **Commercial Marketing Forum II** – Gold Room

Welcome Reception:

6:30 pm – 8 pm ♦ Platinum Room

Program-At-A-Glance

Bally's Hotel & Conference Center ♦ Las Vegas, Nevada (USA) ♦ May 16-20, 2010

Tuesday, May 18, 2010

Registration:

6:30 am – 5 pm ♦ Grand Salon

Speakers Breakfast:

7 am – 8 am ♦ Platinum Room

Commercial Exhibits and Student Posters:

9:30 am – Noon; 2 pm – 5:30 pm ♦ Event Center

Technical Sessions: 8 am – Noon

3A ♦ **Environmentally Friendly Fluids I** – Bronze 1

3B ♦ **Lubrication Fundamentals I** – Bronze 2

3C ♦ **Surface Engineering III** – Bronze 3

3D ♦ **Nano-Joint Session I: Non-Colloidal Lubrication** – Bronze 4

3E ♦ **Metalworking I** – Palace 1

3F ♦ **Fluid Film Bearings I** – Palace 2

3G ♦ **Seals III** – Palace 3

3I ♦ **Wear Panel I: Using Radioactive Tracers to Measure Real-time Wear and Corrosion** – Silver Room

3J ♦ **Commercial Marketing Forum III** – Gold Room

President's Luncheon/Business Meeting:

Noon - 2 pm ♦ Platinum Room

Technical Sessions: 2 pm – 6 pm

4A ♦ **Environmentally Friendly Fluids II** – Bronze 1

4B ♦ **Lubrication Fundamentals II** – Bronze 2

4C ♦ **Coatings I: Special Joint Session** – Bronze 3

4D ♦ **Nano-Joint Session II: Nano-Colloidal Lubrication** – Bronze 4

4E ♦ **Metalworking II** – Palace 1

4F ♦ **Fluid Film Bearings II** – Palace 2

4G ♦ **Seals IV** – Palace 3

Tuesday, May 18, 2010/Technical Sessions

4H ♦ **Practical Lubrication I** – Palace 4/5

4I ♦ **Engine & Drivetrain/Wear II: Joint Session** – Silver Room

4J ♦ **Commercial Marketing Forum IV** – Gold Room

Wednesday, May 19, 2010

Registration:

6:30 am – 5 pm ♦ Grand Salon

Speakers Breakfast:

7 am – 8 am ♦ Platinum Room

Commercial Exhibits and Student Posters:

9:30 am – Noon ♦ Event Center

Education Courses: 8 am – 5 pm

Advanced Lubrication 301: Advanced Lubrication and Theory – Las Vegas 6

NLGI Grease Course 101 – Las Vegas 7

Technical Sessions: 8 am – Noon

5A ♦ **Synthetic Hydraulics I** – Bronze 1

5B ♦ **Lubrication Fundamentals III** – Bronze 2

5C ♦ **Coatings II: Special Joint Session** – Bronze 3

5D ♦ **Nanotribology I: Nanolubricants** – Bronze 4

5E ♦ **Condition Monitoring I: Mini-Course on FTIR in Condition Monitoring** – Palace 1

5F ♦ **Fluid Film Bearings III** – Palace 2

5G ♦ **Wind Turbine Tribology I: Condition Monitoring and Fluid Maintenance of "Gearbox" Lubricants for Wind Turbines** – Paper Presentations – Palace 3

5H ♦ **Rolling Element Bearings I** – Palace 4/5

5I ♦ **Wear III** – Silver Room

5J ♦ **Commercial Marketing Forum V** – Gold Room

continued on next page >>

Program-At-A-Glance

Bally's Hotel & Conference Center ♦ Las Vegas, Nevada (USA) ♦ May 16-20, 2010

Wednesday, May 19, 2010/continued

Technical Sessions: 1:30 pm – 6:30pm

- 6A ♦ **Synthetic Hydraulics II** – Bronze 1
- 6B ♦ **Lubrication Fundamentals IV** – Bronze 2
- 6C ♦ **Solid Lubricants I** – Bronze 3
- 6D ♦ **Nanotribology II: Nanotribology Contact and Surface Fundamentals** – Bronze 4
- 6E ♦ **Condition Monitoring II** – Palace 1
- 6G ♦ **Fluid Film Bearings IV** – Palace 2
- 6H ♦ **Wind Turbine Tribology II: Condition Monitoring and Fluid Maintenance of "Gearbox" Lubricants for Wind Turbines** – Panel Discussion – Palace 3
- 6I ♦ **Rolling Element Bearings II** – Palace 4/5
- 6J ♦ **Wear IV** – Silver Room
- 6K ♦ **Commercial Marketing Forum VI** – Gold Room

Thursday, May 20, 2010

Speakers Breakfast:

7 am – 8 am ♦ Platinum Room

Registration:

7:30 am – 5 pm ♦ Grand Salon

Technical Sessions: 8 am – Noon

- 7A ♦ **Nanotribology III: Applications Fundamentals** – Bronze 1
- 7B ♦ **Lubrication Fundamentals V** – Bronze 2
- 7C ♦ **Solid Lubricants II** – Bronze 3
- 7D ♦ **Condition Monitoring III: Mini-Course on Alternative CM Methods** – Palace 1
- 7E ♦ **Fluid Film Bearings V** – Palace 2
- 7F ♦ **Ceramics/Composites I** – Palace 3

Thursday, May 20, 2010/Technical Sessions

- 7G ♦ **Rolling Element Bearings III** – Palace 4/5
- 7H ♦ **Engine & Drivetrain I** – Gold Room
- 7I ♦ **Wear V: Biotribology** – Silver Room

Technical Sessions: 1:30 pm – 5:30pm

- 8A ♦ **Nanotribology IV: Applications Fundamentals** – Bronze 1
- 8B ♦ **Lubrication Fundamentals VI** – Bronze 2
- 8D ♦ **Condition Monitoring IV** – Palace 1
- 8E ♦ **Fluid Film Bearings VI** – Palace 2
- 8F ♦ **Ceramics/Composites II** – Palace 3
- 8G ♦ **Rolling Element Bearings IV** – Palace 4/5
- 8H ♦ **Engine & Drivetrain III** – Gold Room
- 8I ♦ **Wear VI** – Silver Room
- 8J ♦ **Aerospace** – Bronze 3

Beverage Breaks are scheduled at 10 am and 3 pm daily.

Make time to visit STLE's 2010 Exhibition

The industry's newest products, services and technologies are on display at STLE's 2010 trade show, conveniently held in Bally's Conference Center near the technical programs, education courses and networking events. Representatives from 70 of the industry's top companies are looking to meet with you.

Show hours:

Monday, May 17 – Noon – 5pm

Tuesday, May 18 – 9:30 am – Noon & 2 pm – 5:30 pm

Wednesday, May 19 – 9:30 am – Noon

Prescient

What's missing in your Oil Analysis Reports?



Prescient completes the reporting process:

- Critical data accurately flagged
- Informative, actionable commentary
- Rock-solid consistency
 - Customizable limits for any component
 - Web delivery - no software requirements

Try *Prescient* - no obligation

Contact CMI



www.conditionmonitoringintl.com
678.942.3582