



31<sup>st</sup> Annual General Meeting

13<sup>th</sup> -16<sup>th</sup> April 2019

Divani Caravel Hotel

Athens-Greece

## Preliminary Programme

### Saturday 13<sup>th</sup> April 2019

12:00-18:00 Exhibitors set up & Registration

### Sunday 14<sup>th</sup> April 2019

10:00-18:00 Exhibitors set up & Registration

12:00 ELGI Board Meeting

#### Working Group Meetings

08:45 Grease Particle Evaluation WG meeting

09:45 Food Grade Lubricants WG Meeting

11:15 Bio-Based Greases WG meeting

12:45 Lunch (*for WG attendees only*)

13:45 Test Methods & Rheology WG meeting

15:15 Railway Lubricants WG meeting

18:30-19:30 Welcome Reception

### Monday 15<sup>th</sup> April 2019

08:30 Opening Session & Business Meeting - ELGI Chairman: Terry Dicken

WG Food Grade Lubricants Report - Chairman Andre Adam

WG Grease Particle Evaluation Report - Chairman Joe Kaperick

WG Test Methods Report – Chairman Olav Hoeger

WG Bio-Based Grease Report – Chairman George Dodos

WG Railway Lubricants Report – Chairman Alder Da Costa

NLGI Presentation – President Joe Kaperick

India Chapter Presentation – President Eltepu Sayanna

CLGI Presentation – RT Vanderbilt Ray Zhang

Grease Production Survey Chuck Coe President Gresase Technology Solutions

10:00 Key Speaker

#### 10:30 Coffee

11:00 PAO Blending Matrix and mPAO Grease Advantages

Ken Hope Chevron Phillips Chemical Co; Triboscience & Engineering

11:30 Performance assessment of different bio-based and biodegradable ester base oils on lubricating grease performance. Paul Bonner – Croda; Eldon's

12:00 A comparative study of high pressure vs. low pressure grease dispensing systems for applying Rail Curve Grease. Lou A Honary – Environmental Lubricants Manufacturing

**12:30 Lunch**

14:00 Main influencing parameters on the wear characteristics of grease lubricated hard-soft gear pairings;  
Andreas Dobler Technical University Munich; Caterpillar Global Mining

14:30 Non-halogenated ionic liquids as additives to greases  
Sergei Glavatskih - KTH Royal Institute of Technology, Sweden, Axel Christiernsson

**15:00 Coffee**

15:20 The Development of Lubricating Greases for Wind Turbine applications Gareth Fish - Lubrizol

**15:50** Quantum Leap in the manufacturing of polyurea grease Liwen Wei- Novitas Chem Solutions

16:20 Optimization of the Performance of Lubricating Grease by using Tribological tests  
Ameneh Schneider - Optimol Instruments; Nynas

17:45 Coaches depart for Vineyards Oenoria Land

18:30 Welcome Drink & Visit to the Wine Museum

20:00 Seating

20:15 Gala Dinner & Entertainment:

23:15 First Coach returns to the Divani Caravel Hotel

## **Tuesday 16<sup>th</sup> April 2019**

08:30 Grease Production, CO<sub>2</sub> emission. A New Relationship  
Mehdi Fathi-Najafi – Nynas; Stratco; Eldon's

09:00 Performance Considerations in Formulating High Performance Multi-Purpose EP Greases  
Vasu Bala - Tiarco Chemical

09:30 Calcium sulfonate complex grease, a legendary technology adapted to future requirements  
Alder da Costa D'Ambros – Total

**10:00 Coffee**

11:00 Solid lubricant – interactions with organic additives, performance booster or performance killer  
Lorraine Segreto - Tribotecc

11:30 Application of graphene in rolling element bearings Florain Pape - IMKT Leibniz Universitaet Hannover

12:00 Measuring Grease Tackiness Objectively  
Erik Willett - Functional Products; Falex; Eldon's

12:30 The Mythology of Grease - Fact or Fiction Joe Kaperick – Afton

**13:00 Grab & Go Lunch: End of Conference**

**13:30 Tour Cement Plant (TBC)**