



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

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

Divani Caravel Hotel

Athens-Greece

## Programme

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

15:00-18:00 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 Sachdeva Siddarth

CLGI Presentation – RT Vanderbilt Ray Zhang

Grease Production Survey Chuck Coe President Gresase Technology Solutions

10:00 Key Speaker Aris Gorogias - Tech. Consultant of Hellenic Association of Chemical Industries – H.A.C.I.

The Greek chemical sector, challenges on energy efficiency

#### 10:30 Coffee

11:00 mPAO Advantages in lithium, polyurea and aluminium complex greases

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. George Dodos - Eldon's; Croda

- 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 Optimisation 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**

- 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 Grease production, CO<sub>2</sub> emission. A new relationship. Andreas Dodos – Eldon's, Nynas; Stratco
- 10:30 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 Florian Pape - IMKT Leibniz Universitaet Hannover
- 12:00 Measuring grease tackiness objectively  
Emmanuel Georgiou- Falex Tribology; Functional Products; Eldon's
- 12:30 The mythology of grease - fact or fiction Joe Kaperick – Afton Chemical
- 13:00 Grab & Go Lunch: End of Conference**
- 13:30 Tour Titan Cement Plant**