Tribology Exchange Workshop

6th - 7th November 2019
Marriott Courtyard Schiphol, Amsterdam, Netherlands

DAY 1

Tribology Fundamentals
- Fundamentals on EHL Film Formation
  Amir Kadric (Imperial College)
- The Physics of Friction
  Ian Taylor (Shell)
- Fundamentals of Bearing Tribology
  Guillermo Morales (SKF)

Mechanical Engineering
- Rotary Lip Seals: a Misaligned Approach
  F. Xavier Borras (University of Twente)
- Bearing Design for Dynamic Operating Conditions
  Hannes Grillenberger (Schaeffler)
- Grease Life in Rolling Bearings
  Piel Lugt (SKF)

Material Science
- Material Science Aspects of the Wear of Metallic Materials
  Alfons Fischer (MPI Eisenforschung)
- Cage Dynamics in Rolling Bearings by Test and Simulation
  Sebastian Schwarz (Uli Erlangen)
- Surface Texturing
  Vasilius Bakolas (Schaeffler)

Round Table Discussion

DAY 2

Tribology Testing
- Roller-on-Disk Geometry for Extreme Pressure Gear Oils
  Mathias Woydt (Matrilub)
- Food Tribology: Concepts and Experimental Approaches
  Florian Rummel (Anton Paar)
- How to Approach a Real World Tribology Problem on Lab Scale
  Dirk Draas (Falax Tribology)

Lubricant Chemistry
- Chemical Approach to Energy Savings in Hydraulic Applications
  Dmitry Shakhvorostov (Evonik)
- Silicone Fluids with Optimised Tribological Behaviour through Molecule Structure Enhancement - a Solution for EV Drivetrains
  Steffen Botts (Lubevisio)
- Fretting Wear Tests - Basics, Industrial Relevance and Test Realisation
  Henrik Buse (Hochschule Mannheim)

Application
- Blink of an Eye - a Biotribology Quest Towards Patient Comfort
  Christian Mathis Ulrich (SuSoS AG)
- Grease Applications
  Aleksandra Navskaya (EDP Specialty Products Germany)
- Lubricant Challenges in Wind Turbine Applications
  Olav Hoeger (Shell)

Round Table Discussion

If you would like to share your experience or have any questions on the above mentioned topics please submit your enquiry to europe@stle.org

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