



ELGI-STLE Tribology Exchange Workshop Preliminary Programme

11th-12th November 2026

Wednesday 11th November

08:45-09:15 *Opening Session*

09:15-10:00

Kartik Pondicherry (*Anton Paar*)

“Model-scale Testing of Lubricants and Greases – Rheology and Tribology”

10:00-10:45

Rich Baker (*TriboTonic*)

“The Bench Still Matters: Connecting Lab Testing to Real-World Problems”

10:45-11:30

Francesco Pagano (*Tekniker*)

“SiToLub: AI and Simulation Tools for the Design of Safe, Sustainable and Performant Lubricants.

11:30-11:45 *Break*

11:45-12:30

Akepati Bhaskar Reddy (*KTH Royal Institute of Technology*)

“Electrically Responsive Lubrication: Toward Active Tribological Systems”

12:30-13:15

Felix Zak (*Optimol*)

“Multiscale & Multiphysics Tribology – From Complex Interactions to Measurable Insights”

13:15-14:30 *Lunch*

14:30-15:15

Sergei Glavatskih (*KTH Royal Institute of Technology*)

“Turning the Page on Lithium: Ca Va?”

16:00-17:00

Round Table Discussions

17:30-18:30

Bowling

19:30

Dinner at the Brasserie

Thursday 12th November

08:45-09:00 *Opening Session*

09:00-10:00

Mathias Woydt (*Matrilub*)

- “Efficient Characterisation of Extreme Pressure Properties of Lubricants using Advanced 4-Ball Test Methodology”
- “Wear' and 'Wear Parts' in Contextual Relation with 'Obsolescence’”

10:00-10:45

Boris Zhmud (*Tribonex*)

“Lubricating Greases: Where Rheology and Tribology Meet Together”

10:45-11:00 *Break*

11:00-11:45

Philipp Sieberg (*University Duisberg*)

“Wear Behaviour Characterisation with Unsupervised Machine Learning”

11:45-12:30

TBA

12:30-13:15

TBA

13:15-14:15

*Round Table Discussions
& Sandwich Lunch*

14:15

End of Workshop