

SwissTribology 2026

EMPA Dübendorf -- 11th of September

08:30 Welcome Coffee



09:00 Welcome

09:15 Talk 1 – *Simulation-Guided Risk Assessment of In-Cylinder Condensation in Two-Stroke Marine Engines* – **Andrea Arcifa** – WinGD

09:45 Talk 2 – *From In-Situ Experiments to Digital Twinning of DLC Coatings* – **Renato Pero** – Alemnis



10:15 Coffee Break

10:30 Talk 3 – *Artificial Ageing of Marine Engine Oils under Ammonia-Relevant Contamination Scenarios* – **Ádám Agócs** – AC²T Research

11:00 Talk 4 – *Tribological Coatings at the Extremes: From Wind Turbines to Mechanical Wristwatches* – **Esteban Broitman** – Sentys

11:30 Talk 5 – *Advanced Coatings for Critical Semiconductor Manufacturing Components* – **Julien Keraudy** – Oerlikon



12:00 Lunch

13:00 Talk 6 – *Between Tongue and Tannins: The Tribology of Wine Mouthfeel* – **Nicholas Spencer** – ETH Zurich

13:30 Talk 7 – *Data Management for AI in Tribology* – **Nick Garabedian** – datin

14:00 Talk 8 – *Challenges and Surface Solutions for Severe Wear of Cutting Tool Holders in Wood Processing* – **Mousab Hadad** – Tribomatix



14:30 Coffee Break

15:00 Talk 9 – *A New Tribometer Setup to Resemble High-Pressure Contacts in Metal Forming Processes* – **Marcus Morstein**, Hightech Zentrum Aargau

15:30 Talk 10 – *Abrasion - Corrosion Performance of Tool Steel Dies in High-Pressure Extrusion* – **Christof Scherrer**, ZHAW IMPE

16:00 Talk 11 – *Sealing of water-based gear fluids with radial shaft seals: opportunities and challenges* – **Jens Kondratiuk**, Hilti



16:30 Apéro



Materials Science and Technology



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