Main Topics

- **Lubrication management.**
  - Lubrication excellence.
  - Training, lubrication and certification.
  - Filtration, storage containers, tank monitoring, leak detection and used oil disposal.
  - Oil analysis targets, alarms and limits.
  - Sampling.
  - Metrics and performance tracking.
  - Contamination control.
  - Green lubrication.

- **Tribology.**
  - Friction and wear.
  - Coatings and treatments.
  - Biotribology.
  - Surface engineering.
  - Ceramics and composites.
  - Components: bearings, seals, transmissions, gears…

- **Lubricants and additives.**
  - Solid lubricants.
  - Fluid lubricants.
  - Greases.
  - Additives.
  - Lubricants in special environments.
  - Lubricants testing.

- **Special fluids.**
  - Ferromagnetic fluids.
  - Magnetoreological fluids.
  - HTFs.
  - Food lubricants.
  - Dielectric fluids.
  - Metalworking fluids.
  - Ionic liquids.

- **Efficient maintenance and operation.**
  - Condition monitoring.
  - On-line sensors.
  - Lubrication maintenance practices.
  - Lubricant prognosis and life extension.
  - Machinery diagnostics through lubricant analysis.
  - e-Maintenance.
  - Logistics and supply chain management.

- **Reliability and sustainability.**
  - Life cycle benefits.
  - Dependability and security.
  - Plant lubricant related failures.
  - Improvement of production reliability.
  - Energy efficiency.
  - Health, safety and environment (HSE).
  - Cost effective strategies.