

29 February 2024

Navitas, Aarhus University

Tribology Seminar

Bring together industry and academic sectors to discuss the needs and challenges of the future in Tribology

Free
seminar

Welcoming and a keynote talk

9:00	Welcoming, AU Head of MPE Department	Anders Brandt
9:10	Future of Tribology, AU Head of Section, MPE Department	Ramin Aghababaei
9:25	AU Tribology Group, AU Asst. Prof. MPE Department	Narguess Nemati
9:40	Tribology for Danish industries, Center Director, DTI Tribology Center	Mette Schmøkel
10:00	How Green Lubricants are Reshaping Norwegian Industries, SINTEF, Norway	Szymon Bernat

Coffee break and Networking

11:00	Tribology@DK Absence in both Industry and academia . Why? , DTU and Novo Nordisk	Ion Marius Sivebæk
11:20	Triboelectric Nanogenerators (TENG), AU, AU Asst. Prof., MPE Department	Rasool Tabasian
11:40	Increasing productivity of plastic moulding tools with specialized PVD coatings, CemeCon DK	Michael Hvam

Lunch

13:00	Multiphysics simulations supporting development of shaft seals, Grundfos, DK	Federico Andreatta
13:20	Bearing Brain, digitizing a mechanical SME, CeramicSpeed, DK	Nicklas Simonsen
13:40	Estimating Bearing Lubrication Quality with a 0,5€ MEMS microphone, AU ECE	Morten Opprud Jakobsen
14:00	Using a Computational Approach to Solve Bearing Problems in Large 2-stroke Engines, MAN Energy Solutions	Anders Vølund

Coffee break and Networking

15:00	Round table discussion, <i>Theme: Danish Tribology Association</i>	
15:45	Tour of AU Tribology laboratory	

Free registration at <https://events.au.dk/tribology-seminar-day>