

Program Tribodays 2019, Kista, Stockholm 12-13 November

Tuesday 12 November, 2019

- 10.00 Registration and fika
- 11.00 Introduction
- 11.15 Fredrik Gustavsson, Swerim, "Tribology at Swerim"
- 12.00 Lunch
- 13.00 Bernie van Leeuwen, SKF, "How a changing business requires tribology to become successful"
- 13.25 Jakob Lagercrantz, 2030-sekretariatet, "From Arrhenius to IPCC – Climate crises; crises – or opportunity?"
- 13.50 Anna Hedlund Åström, KTH, "Sustainability in product development – the role of tribology"
- 14.15 Thomas Norrby, Nynas AB, "Sustainability in the base oil industry: materials, processes, and product life cycles"
- 14.40 Tomas Östberg, SKF RecondOil, "How a circular mindset will change the industrial lubrication market"
- 15.15 Fika (coffee)
- 15.45 Panel discussion – tribology, sustainability,
- 16.30 Janet Lin, Luleå University of Technology, "Industrial AI in Maintenance: Issues, challenges and Trends"
- 16.50 Kalle Kalliorinne, Luleå University of Technology, "Topological Optimisation for Increased Bearing Performance?"

- 19.00 Dinner

Wednesday 13 November, 2019

- 8.30 Pouria Valizadeh Moghaddam, Luleå University of Technology, "Does an Advanced High-Strength Steel always give you a good wear resistance?"
- 8.50 Leonardo Pelcastre, Luleå University of Technology, "On the growth of material transfer at high temperature"
- 9.10 Justine Decrozant-Triquenaux, Luleå University of Technology, "High Temperature tribological behaviour of Aluminium –Application to hot forming"
- 9.30 Joel Olsson, Atlas Copco, "Greases & Gear Service Life"
- 10.00 Fika (coffee)
- 10.30 Jonny Hansen, Scania and Luleå University of Technology, "Small changes in surface roughness can make a dramatic difference!"
- 10.50 Tobias Hultqvist, Luleå University of Technology, "How hot and stressful are your asperities?"
- 11.10 Aleks Vrcek, Luleå University of Technology, "How to balance between mild wear and micro-pitting?"
- 11.30 Carl-Magnus Everitt, KTH, "The influence of gear surface roughness on rolling contact fatigue under TEHL conditions"
- 12.00 Lunch
- 13.00 Sajid Alvi, Luleå University of Technology, "Synthesis and mechanical characterization of CuMoTaWV high entropy film by magnetron sputtering"
- 13.20 Kaveh Torkashvand, University West, "Advanced wear resistant coatings by high velocity air-fuel (HVOF) and suspension spraying"
- 14.00 Fika (coffee)
- 14.30 Tour at Swerim
- 16.00 End of Tribodays