



SUOMEN TRIBOLOGIAYHDISTYS THE FINNISH SOCIETY FOR TRIBOLOGY

Better Performance by Polymers

Date: Thursday 26.1.2023

Place: Seminar room Einstein, VTT, Kivimiehentie 3, Espoo

- 09.00-09.30 Registration and coffee
- 09.30-09.40 Welcome, Helena Ronkainen, Finnish Society for Tribology
- 09.40-10.40 Polymers bearings in hydropower plant, Professor Nazanin Emani, Luleå University of Technology, Sweden
- 10.40-11.00 Coffee break
- 11.00-11.30 Development of abrasive wear resistant polymers and scratch resistant elastomers
Jani Peltö, VTT Technical Research Centre of Finland
- 11.30-12.00 Development of HDPE and PA nanocomposites for sliding wear applications
Helena Ronkainen, VTT Technical Research Centre of Finland
- 12.00-13.00 Lunch
- 13.00-13.30 Polymers in consumer products
Erik Lindman, Suunto
- 13.30-14.00 Examples of tribology in building and construction, Mika Meller, SolarWind Oy
- 14.00-14.30 Slippery and icephobic thermally sprayed polymer coatings
Heli Koivuluoto, Tampere University
- 14.30-15.00 Coffee break
- 15.00-15.30 Multi-scale modelling on experimental and virtual ageing for filament-wound GFRP structures, Oscar Rodera Garcia, Tampere University
- 15.30-15.40 Closure, Helena Ronkainen, Finnish Society for Tribology
- 15:40-16:30 Visit in VTT Material and Tribology research facilities in Kemistintie 3