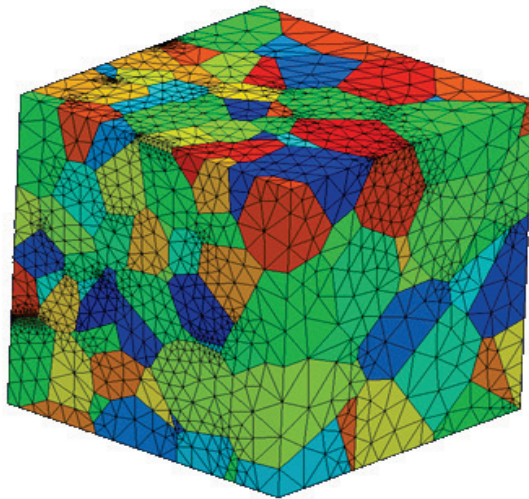




DANISH
TECHNOLOGICAL
INSTITUTE



DTI - VTT Seminar



Reserve the date in your calendar

25 October, 2017

Danish Technological Institute
Kongsvang Allé 29
8000 Aarhus C
Denmark

Minimized wear and controlled friction Theory and practice

From modelling of coating performance to real industrial application, from coating engineering at the atomic level to coatings applied on tools, components and devices.

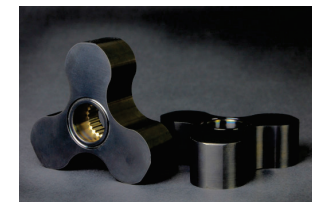
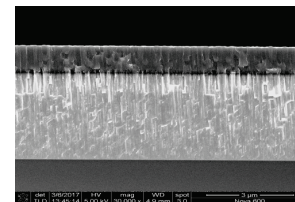
Danish Technological Institute (DTI) and Technical Research Centre of Finland (VTT) are hosting a one-day tribology seminar/workshop at Danish Technological Institute in Aarhus in cooperation with the Fast Track consortium and Danish Materials Network.

It is estimated that material loss, failures, and material degeneration caused by friction and wear is around 3 % of the gross national product (GNP) for a country. Hence, choosing the right material solutions in combination with hard, wear-resistant coatings or self-lubricating coatings is of major importance when it comes to optimizing the performance of components, devices and production facilities.

For more information contact Director Lars Pleth Nielsen, Tribology Centre, DTI, at tel. (45) 72201585 or mail lpn@dti.dk.

For signing up please contact secretary Lone Elly Larsen, Tribology Centre, DTI, at tel. (45) 72201571 or mail l1el@dti.dk.

Your participation in the seminar is free but for catering purpose we kindly ask you to sign up for the seminar. We will charge a no-show fee of DKK 500.



Agenda

- 09:30 Arrival, registration and coffee
- 10:00 PVD coatings for improved surface properties in industrial applications and products, Senior Specialist, PhD, Klaus Pagh Almqvist, DTI
- 10:45 Practical coating solutions and applications by Director, PhD, Lars Pleth Nielsen, DTI
- 11:30 Lunch
- 12:30 Guided tour through the Tribology Centre by Senior Specialist, MSc Eng., Henrik Horup Reitz, DTI
- 13:30 Theory and practice of tribological testing; The understanding of contact situations, wear and lubrication. From simple model tests to full scale field tests by Helena Ronkainen, PhD, Principal Scientist, VTT
- 14:15 Simulation in tribology – a fast-track problem-solving method by combining novel materials with state-of-the-art modelling. Understanding material degradation in tribological contacts by Anssi Laukkanen, Principal Investigator, VTT
- 15:15 Concluding remarks and wrapping up by Director, PhD, Lars Pleth Nielsen, DTI



The speakers



Helena Ronkainen
Principal Scientist, PhD
VTT Finland



Anssi Laukkanen
Principal Investigator
VTT Finland



Lars Pleth Nielsen
Director, PhD, HD(O)
Tribology Centre, DTI



Henrik Horup Reitz
Senior Specialist, MSc
Tribology Centre, DTI



Klaus Pagh Almqvist
Research Scientist, PhD
Tribology Centre, DTI

In cooperation with

fast track 

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