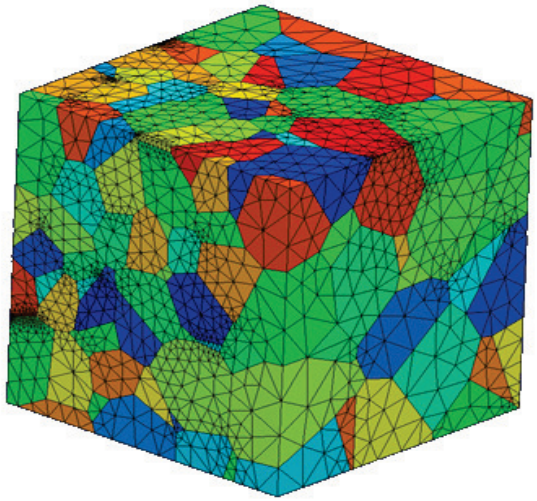
DANISH TECHNOLOGICAL INSTITUTE

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.

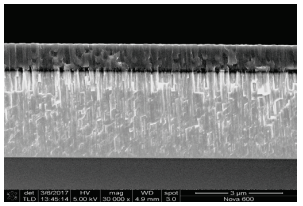
Danish Technological Institute (DTI) and Technical Research Centre of Finland (VTT) are hosting a one-day tribology seminar/workshop at Danish Technological Institute in Aarhus in cooperation with the Fast Track consortium and Danish Materials Network.

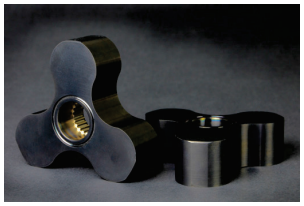
It is estimated that material loss, failures, and material degeneration caused by friction and wear is around 3 % of the gross national product (GNP) for a country. Hence, choosing the right material solutions in combination with hard, wear-resistant coatings or self-lubricating coatings is of major 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 lel@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 Almtoft, 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. Undestanding 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 Almtoft
Research Scientist, PhD
Tribology Centre, DTI

In cooperation with

fast track

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