



Swedish Research School in Tribology

Tribological components 13, Research School in Tribology
Ulf Olofsson
KTH Machine Design

Programme

Location KTH Machine Design, Brinellvägen 85

Tuesday 28th of May, room B242 Brinellvägen 85

8.15 - 10	Failure modes of components (UO)
10 - 10.15	Coffee break
10.15 - 12	Introduction components (SB)
12 - 13.15	Lunch Brasilia
13.15 - 15	Tribological problems in gears I (KM)
15 - 15.15	Coffee break
15.15 - 17	Tribological problems in gears, II (KM)
17.30	Evening activity to be decided

Wednesday 29th of May, room B242 Brinellvägen 85, Laboratory work A311

8.15 - 10	Screw fasteners (EP)
10 - 10.15	Coffee break
10.15 - 12	Disc brake tribology thermomechanics and vibrations (PD)
12 - 13.15	Lunch Brasilia
13.15 - 15	Human interactions (RL)
15 - 15.15	Coffee break
15.15 - 17	Laboratory exercise 1; Power saw, (PC)
18.00	Evening activity dinner to be decided

Thursday 30th of May, room Gladan Brinellvägen 85, Laboratory work A311

8.15 - 10	Laboratory exercise 2; Angle nutrunner, (PC))
10 - 10.15	Coffee break
10.15 - 12	Laboratory exercise 3; Gear box, (PC)
12 - 13	Lunch Brasilia
13.15 - 15	Tribology consultancy exercise (EB)

UO Professor Ulf Olofsson

SB Dr Stefan Björklund

EB Dr Ellen Bergseth

PC Mr Peter Carlsson

EP Mr Erik Persson (Atlas Copco Tools)

PD Professor Philippe Dufrénoy Polytech Lille France

RL Professor Roger Lewis Sheffield University/KTH

KM Dr.-Ing. Klaus Michaelis, (FZG), Technical University of Munich

PC Mr Peter Carlsson

EP Mr Erik Persson (Atlas Copco Tools)

PD Professor Philippe Dufrénoy Polytech Lille France

RL Professor Roger Lewis Sheffield University/KTH

KM Dr.-Ing. Klaus Michaelis, (FZG), Technical University of Munich