

Swedish Research School in Tribology

Course programme

Place: Luleå University of technology

Time: 2-4 March 2010

Course title:

Tribological problem analysis

Tuesday, March 2

08:15 – 08:30 Introduction to the course, E231 (SG)

08:30 – 10:00 General causes of tribological problems, E231 (BP)

10:00 – 10:15 Coffee break

10:15 – 11:45 Tribological problems in gears, I, E231 (KM)

11:45 – 12:45 Lunch

12:45 – 14:15 Tribological problems in gears, II, E231 (KM)

14:15 – 14:30 Coffee break

14:30 – 17:30 Laboratory works, Tribolab

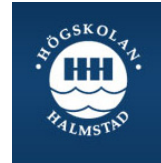
19:00 Dinner

Wednesday, March 3

08:15 – 09:45 Tribological problems in rolling element bearings, E231 (BJ)

09:45 – 10:00 Coffee break

10:00 – 10:45 Systematic diagnosis of tribological problems, E231 (BP)



Swedish Research School in Tribology

10:45 – 11:30 Tribological problems in plain bearings, E231 (BP)

11:30 – 12:30 Lunch

12:30 – 13:15 Tribological problems in hydrodynamic bearings, E231 (SG)

13:15 – 16:15 Laboratory works, Tribolab

Evening activities will start at 17:00. Afterwards a dinner will be served.

Thursday, March 4

08:15 – 09:45 Case studies I, E231 (SH)

09:45 – 10:00 Coffee break

10:00 – 11:30 Case studies II, E231 (TM)

11:30 – 12:30 Lunch

12:30 – 13:15 Tire-road interface: typical tribological problems, E231 (NE)

13:15 – 16:15 Laboratory works, Tribolab

Speakers:

(BP) Professor Braham Prakash, Luleå University of Technology

(KM) Dr.-Ing. Klaus Michaelis, Institute for Machine Elements, Gear Research Centre (FZG), Technical University of Munich

(BJ) Professor Bo Jacobson, Lund University

(SH) Professor Sture Hogmark, Uppsala University

(SG) Professor Sergei Glavatskih, Luleå University of Technology

(TM) Dr. Thomas Mathia, Directeur de Recherche, Ecole Centrale de Lyon

(NE) Nicklas Engström, Luleå University of Technology