



## **Swedish Research School in Tribology**

### **Surface Analysis (Preliminary programme)**

January 26–28, 2010, Uppsala University

#### **tisdag 26 januari**

- 8:15 Welcome  
8:30 Analysis and imaging of surfaces, thin films and tribo mechanisms (ÅK)  
10:00 *Coffee break*  
10:15 Imaging techniques: SEM, FIB, TEM (SJ)  
12:00 *Lunch*  
13:15 Imaging techniques: SEM, FIB, TEM (SJ)  
15:00 *Coffee break*  
15:15–17:15 Lab work  
18:00 *Dinner and evening activity*

#### **onsdag 27 januari**

- 8:15 Chemical analysis techniques: EDS in SEM, XPS, Auger and SIMS (ÅK)  
10:00 *Coffee break*  
10:15 Chemical analysis: EDS in SEM, XPS, Auger and SIMS (ÅK)  
12:00 *Lunch*  
13:15 Examples of tribo mechanism studies (contribution from research school tribology groups)  
15:00 *Coffee break*  
15:15–17:15 Lab work  
18:00 *Dinner*

#### **torsdag 28 januari**

- 8:15 Imaging and analysis in connection to mechanical analysis using ultra nano indentation and scratching. (UW)  
10:00 *Coffee break*  
10:15 In-situ characterization methods. (guest lecturer)  
12:00 *Lunch*  
13:15 Examples of analysis studies (contribution from research school tribology groups)  
14:00 *Coffee break*  
14:15–16:00 Lab work

ÅK: Åsa Kassman, UU tribology

SJ: Staffan Jacobson, UU tribology

UW: Urban Wiklund, UU tribology