



## **Nationell forskarskola i tribologi**

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### **Schedule**

*Analysis and imaging of surfaces, thin films and tribo mechanisms*

#### **Tuesday, January 26**

<b>8:15</b>	<b>Welcome and Introduction (Åsa)</b>
<b>9:00</b>	<b>Imaging using SEM (Staffan)</b>
<i>9:30</i>	<i>Coffee break</i>
<b>10:15</b>	<b>Imaging using SEM (Staffan)</b>
<i>11:40</i>	<i>Lunch at Rullan</i>
<b>13:00</b>	<b>Analysis using EDS in SEM (Åsa)</b>
<b>14:00</b>	<b>Imaging using SPM (STM and AFM) (Åsa)</b>
<i>15:00</i>	<i>Coffee break</i>
<b>15:15–17:00</b>	<b>Studies of tribo surfaces using FIB and TEM (Sture)</b>
<i>18:00</i>	<i>Dinner at Gotlands nation</i>

#### **Wednesday, January 27**

<b>8:30</b>	<b>Chemical analysis using XPS, Auger and SIMS (Åsa)</b>
<i>10:00</i>	<i>Coffee break</i>
<b>10:15</b>	<b>Chemical analysis using XPS, Auger and SIMS (Åsa)</b>
<b>11:15</b>	<b>Additional techniques for analysis of tribo surfaces (Åsa)</b>
<i>11:40</i>	<i>Lunch at Rullan</i>
<b>13:00</b>	<b>Lab work: I, II</b>
<i>15:00</i>	<i>Coffee break</i>
<b>15:15–17:15</b>	<b>Lab work: III, IV</b>
<i>18:00</i>	<i>Dinner at Hijazz</i>

#### **Thursday, January 28**

<b>9:15</b>	<b>Imaging and analysis in connection to mechanical analysis using ultra nano indentation and scratching. (Urban)</b>
<i>10:00</i>	<i>Coffee break</i>
<b>10:15</b>	<b>In-situ characterization methods (Staffan)</b>
<b>11:15</b>	<b>Examples of analysis studies (Åsa)</b>
<i>11:40</i>	<i>Lunch at Rullan</i>
<b>13:00</b>	<b>Lab work: V, VI</b>
<i>15:00</i>	<i>Coffee break</i>
<b>15:15–16:00</b>	<b>Summary. Homework and examination. (Åsa)</b>