Group 1
Poster: Super hydrophilic and superhydrophobic surfaces. How does it work? What are the applications?
Alenfalk, Tova
Almgren, Andreas
Andreasson, Ellen
Annertz, Tova

Group 2
Poster: Electron microscopy. SEM and TEM: principles; resolution; sample requirements
Bengtsson, Tobias
Björnlund, Isabelle
Björsing, Ida
Blaho Mildton, Eira

Group 3
Poster: Microfluidic devices. How does it work? What are the applications?
Bogdanovska, Natalia
Brandel, Felix
Bäckström, Max
Ekman, Frida

Group 4
Poster: Semiconductors applications (explain what semiconductors are and how they can be used for making transistors and solar cells)
Eriksson, Harald
Folkesson, Jan
Gripberg, Nicolai
Grosshög, Erik

Group 5
Poster: Super resolution microscopy. STORM and STED microscopy (principle, resolution)
Hansson, Albin
Humaloja Skarsten, Madeleine
Högnason Loodberg, Fjalar
Jaffal, Ahmad

Group 6
Poster: Nanofabrication: presentation of the different photolithography techniques, advantages and drawbacks.
Kärrholm, Gustav
Lantz, Jesper
Lundberg, Erik
Löfgren, Philip

Group 7
Poster: Fluorescence microscopy: principle, resolution.

Magnusson, Erik
Mayahi Niesy, Farhan
Mishin, Roman
Molin, Filip

Group 8
Poster: Emulsions: properties and applications
Nielsen, Jacob
Nilsson, Oscar
Nordling, David
Norrud, Hanna

Group 9
Poster: Nanosafety
Olsson, Wilma
Peltonen, Marina
Raguz, Filip
Råhnängen, Hanna

Group 10: Nanofabrication: presentation of electron beam lithography and nano-imprint lithography techniques. Advantages/drawbacks.
Samuelsson, Axel
Shafi, Daniel Dilshad Jamal
Sjöqvist, Hampus
Steneram, Jonathan
Svanbäck, Mikael

Group 11:
Scanning probe microscopy. STM and AFM: principles; resolution; sample requirements
Svending, John
Thulin, Hampus
Wramås, Joel

TIMELINE:
Monday 14/10 13-15 in Computer room K204 (+ K215-216): work on the poster.

Monday 14/10 18:00: send the poster (=VERSION 1) in pdf format by email to the group after you (n+1) (if you are in group 1, send it to the members of group 2; if you are in group 11, send it to the members of group 1).

Tuesday-Wednesday: Work on giving feedback on the poster you received from the (n-1) group. Use the feedback sheet for this.

Wednesday 16/10 18:00 Send the feedback to the group (n-1).

Thursday 17/10 10-12 in Computer room K204(+ K215-216): finalize the poster (=VERSION 2), by accepting or refusing the suggested changes in the feedback form received.

Friday 18/10 before 18:00: Send both versions of the posters (VERSION 1 + VERSION 2) **and the feedback sheet you have received** from the other group to Christelle by email (ppt or pdf).

Oral exams: Location: Sigma (Q123A), Fysicum
The exam will take 45 minutes/group.
Part 1: The poster will be projected on the wall. Each group will present their poster in ≈10 min (shared presentation, everyone in the group should speak). We will then ask you questions about the content of your poster. Part 2: We will then project on the wall version 1 and version 2. We will discuss the feedback you have received and discuss how version II has been improved.
We will direct each question to one person, to make sure everyone in the group participates.

Schedule of the exams:

4 NOV	8-10	Location: Sigma (Q123A), Fysicum	8:15: group1 9:15: group2
5 NOV	8-10	Location: Sigma (Q123A), Fysicum	8:15: group3 9:15: group4
7 NOV	8-10	Location: Sigma (Q123A), Fysicum	8:15: group 5 9:15: group 6
8 NOV	13-16	Location: Sigma (Q123A), Fysicum	13:15: group 7 14:15: group 8 15:15: group 9
11NOV	08-10	Location: Sigma (Q123A), Fysicum	08:15: group 10 09:15: group 11

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