

Course Assessment: 15-minute paper presentations (in teams)

This exercise will give you an opportunity to deepen your understanding of nanomaterials in a specific topic. The idea is to enable you to:

- Systematically read scientific papers on nanomaterials
- Identify where to find specific information in a paper
- Judge how difficult / challenging a topic is
- Differentiate between good and bad papers
- Summarize and condense the key information
- Draw your own conclusions

Structure of presentations

Mandatory content (4 minutes)

Students must first identify and then give a brief introduction to the topic of the paper. Afterwards, the presentation should address the following questions:

- What is the aim of the paper?
- What materials and methodologies are applied?
- What is the main finding?
- Was the applied methodology adequate?

Optional, bonus content (3 minutes)

- What is the strength / weakness of the study?
- What could be improved?
- Do the results provide the necessary basis for the conclusions?
- What would be the next meaningful steps?
- Are there follow up studies confirming or contradicting the paper?

General discussion (8 min)

- Discuss general interest of topic

Assessment criteria

The presentations will be evaluated according to the following criteria:

Evaluation Form of Oral Presentation

Presentation number:

Presentation Content

	improvement needed	good	excellent
Context and importance of research demonstrated			
Clear and concise materials and methods			
Results easily understandable			
Conclusions to point			
Straight story line in a logical order			

Visual aids

Clear, concise slides, not overcrowded			
Legible pictures, figures and legends (size, colors, contrast)			
Legible fonts (size, colors, contrast)			

Performance

Audience contact			
Voice and pacing			
Body language, gestures			

General

Good structure of presentation			
Clear 'take home message'			
Ability to answer questions			
Adherence to time limit			

Additional comments:

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Teams:

Team 1: Simon Dumolard (EPFL), Evangelia Liari (University of Basel)

Team 2: Haihan Chen (Empa), Lianxin Xu (EPFL)

Team 3: Mohammad Jafarpour (EPFL), Ziting Wang (Empa)

Team 4: Elizaveta Maksimova (University of Basel), Ding Ren (EPFL)

Team 5: Boris Sevarika (University of Basel), Edgars Vanags (University of Latvia)

Team 6: David Salazar Marcano (University of Basel), Mustafa Onur Yalcinkaya (Empa)