**One-page critical review**

Seminar

"Engineering mechanics of epithelial cell monolayers"

by Marino Arroyo

Communication Skills 1

Universitat Polytècnica de Catalunya; ETSECCPB

Assignment #3

Leon Frei

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| Wednesday, January 18th, 2017. Time: 12 p.m. |  |  |  |  |

**O.C. Zienkiewicz Conference Room**  
C1 Building,   
UPC Campus Nord,   
Barcelona

Critical review:

This review is a critical overview about the seminar "Engineering mechanics of epithelial cell monolayers" from Marino Arroyo. It was declaimed in the Zienkiewicz Conference Room at the 18th January 2017 and was related to new researchs about the behavior of epithelial monolayers performed with the help of engineering mechanics and computations.

CIMNE Project Departments aim is to brief scientific researchers to obtain a wide economic foundation so they can focus on their own specific reasearches.

The speaker starts the presentation by introducing himself and giving a short overview about the whole topic saying that he will go deeper into detail during the presentation. This makes it from the beginning more easy to follow and understand the following content.

After his introduction he starts with his actual presentation which was structered in the following way:

Each slide had vivid pictures and particulately also professional shaped animations which served especially in this topic for a more easy understanding and visualization. Sometimes he stood in front of the slides to explain by using the pictures how the things look like or how they work. On the one hand it led to an easy understanding of the content but on the other hand it was sometimes for some people not possible to see the slides anymore. Maybe it would have been better if he would have used a laser pointer instead of his hands. But all of the slides contained less text and the text was spatially divided through framings which led to a clear outlook and divided the texts that often belonged to different pictures or different subitems.

To make the presentation furthermore more interesting the speaker always walked up and down in front of the audience and he asked rhetorical questions to animate the audience to think for themselfs and to avoid a monotonous flow of speech. So i think this really made the presentation more alive and avoided people from loosing their attention.

However the connecting cable of the video projector had a loose contact which led to incovenient disturbances and brought the speaker to stumble sometimes because he was distracted and could not concentrate on the topic anymore because he had to wait until the signal respectively the picture came back.

Nonetheless i think the audience could note that speaker had a self-confident manner

and because of extensive and most of the times easy explainings of the difficult contents you could see his expertise and you could notice that he has a huge background knowledge in this topic.

In the end of the presentation the speaker gave a detailed overview over the discussed content and he made a conclusion to sum up everything he told the audience. Afterwards it was possible for the audience to ask different questions about the content which the speaker responded sufficient and it was once again possible to see that he was really into the topic and knew a lot about it.

Finally i would say the presentation was well prepared, vivid explained and all of the slides were lucid. The speaker tried to explain everything in the most easy way that was possible and could answer all oft he asked questions adequate. So i can say there was a golden threat in the whole presentation and the only things that can be improved is to fix the technical problems with the loosing connection in front of the presentation to avoid disturbances and maybe better use a laser pointer instead oft he hands to explain the pictures on the slides.