

Critical Comment on the seminar of the artificial
fully coupled fluid-electro-mechanical
cardiovascular simulations

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Introduction

This comment refers to the communicational aspects of the seminar of the artificial fully coupled fluid-electro-mechanical cardiovascular simulations, presented by Prof. Mariano Vázquez, a research group leader of the Barcelona Super-computing Centre.

The aspects of the scientific content do not influence this comment. The seminar was presented in a professional style and gave a very good and clear summary of the research.

Comment on communicational aspects

The lecturer gave a brief but complete introduction of himself. He refers to the project, the working group and the institution.

The speaking was fluently and in a propriety pace. Prof. Mariano Vázquez kept eye contact with the audience and created a social atmosphere by talking directly to persons and sympathetic behaviour. The presentation was supported by sheets with text and pictures to underline and explain the contents.

There was no table of contents to point out the contribution of the Presentation but every new step was introduced. The style of the slides was helpful for the presentation because it shows the results of the project and the meaning of the complex mathematical content. Sometimes the slides contained too much different contents like too much text or too many pictures and it was hard to follow the speaker and read the sheets in the meantime or understand the figures. An other negative aspect was, that the speaker was sitting behind a desk which hides the gestures and underlining of the content. On the other hand it makes the presentation more ease and friendly but it would be better to see the whole presentator. There were a lot of examples like videos, figures and information. In my opinion the videos were a bit distracting because they repeated itself every three seconds.

At the end of the presentation Prof. Mariano Vázquez was able to answer the questions properly and simple by using sketches on the board.

summary

I liked that the atmosphere was very friendly, created by Prof. Mariano Vázquez which his whole behaviour and self confidence.

The style of the presentation could be improved by more visible gesture and a more central position in the room. The formal aspects of the presentation could be improved because of the huge amount of information on the slides and the distracting videos. I was really interested in this presentation and learned about topics of applications in computational mechanics as well as in a way to present scientific results of a project.