

## Critical review of Prof. Mariano Vázquez's presentation on "Fully coupled fluid-electro-mechanical cardiovascular simulations"

For a critical review on a presentation, three main criteria have to be kept in mind. First, there should be a focus on the content and the structure of the presentation. Further, the linguistic quality as well as the body language have to be evaluated. Plus, the visualisation of the presentation has to be assessed.

Prof. Mariano Vázquez presented his work on "Fully coupled fluid-electro-mechanical cardiovascular simulations". In the beginning of his presentation he introduced himself, the institution he works in, plus his field of work. As a major part of the audience didn't know him, it was very useful to get some basic information on him and his work. This way of starting the presentation helped to get into the topic. Unfortunately, he didn't present a table of contents. This made it difficult in the beginning to get a red thread as well as to know what he is going to be talking about. Further, Prof. Vázquez expected high background knowledge concerning the topic. As there might have been people in the audience that weren't familiar with the subject it was probably difficult to follow. For this reason, one should always be aware of who is listening to the presentation and adapt the presentation to the audience's knowledge. By the time however, the structure and the contents of his presentation got more and more understandable. Plus, the shown examples and short simulations helped to get more familiar with the topic.

Regarding the professor's linguistic quality and body language, he was very professional. He spoke very fluently without filler words, not too fast, with an adequate volume of voice and stayed in close eye contact with his audience. Moreover, he leavened the situation by telling jokes in between. For further presentations, it is recommended though, to stand in front of the audience and not to sit on a chair behind a desk with a laptop on it, as gestures of the speaker are usually very helpful for listeners to understand explanations better.

Lastly, there is the assessment of visualisation of the presentation. Prof. Vázquez used an appropriate amount of slides during his roughly 60-minutes-presentation. He spent around two to three minutes on each slide which is commonly recommended. However, some slides had too much text and information, plus simulations. By experience, it can be said that the audience won't read all the information anyway, so it is not necessary to add so much text on slides. A further problem was that the integrated simulations that lasted not more than five seconds were repeated all the time. Listeners were distracted by these simulations, so it was hard to keep on following the presentation.

To sum it all up, the presentation of Prof. Mariano Vázquez on "Fully coupled fluid-electro-mechanical cardiovascular simulations" was a well prepared and very professionally performed presentation. His technical knowledge on this topic is very high. He was able to answer confidently on any question of the audience and provided his answers with sketches on the board. Although there might be some criticism regarding some above mentioned points, the presentation was a success. When talking about the presentation to other listeners, they were very pleased with the performance of Prof. Vázquez.