Modelling of Machining by PFEM
Critical review

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The seminar "Modelling of machining by PFEM", held by Josep Maria Corbonell on Wednesday 20$^{\text{th}}$, described how far the field of modelling machining of metals has come. There was a special focus on the work done at UPC. There is no representation of the theoretical aspect or the modelling of the presentation. This paper is focusing on the communication part of the presentation; presenter, slides, layout, etc.

Key points and speaking generally around them was the main outline of the presentation. The presenter used different colors to get the audience's attention for the most important aspects.

The first two slides contained the name of the presenter, collaborators, pictures and the agenda of the seminar. However, the presenter never introduced himself verbally, so there was a feeling of distance between the presenter and audience from the beginning. The subject got represented pretty straight forward using no shocking facts or any other means.

Further the presentation includes challenges, problem statement, explenation of PFEM structure and rounds of with conclusions. For the challenges pictures, key points, color code are used.

The problem statement is introduced after the challenges, using a simple model to explain the concepts. The different problems are categorized and put under more general terms before going into detail. In this part the presenter is moving pretty fast forward which makes it hard to keep track. He is also showing a lot of equations saying "This one is easy" before moving fast forward again. A lot of information is written a bit small which maybe could have been divided into more slides. It results in difficulties listening to him while understanding the equations at the same time.

He rounds off the presentation showing the conclusions and accepts questions afterwards.

In general, the presenter is talking a bit fast during the presentation. He is good to use an open body language and having eye-contact with the audience. Animations and diagrams are used to describe different concepts and he is using a laser pointer to point out different things on the board. He rounds off with presenting a website where more information can be found