## Communication Skills 1 Master of Science in Computational Mechanics Universitat Politcnica de Catalunya

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Critical Review "Soil crushing via DEM" by Marcos Arroyo. Seminar presented on November 14th, 2018

Marcos Arroyo performed a presentation covering many of the aspects of soil crushing via DEM.

An oral presentation is more than just reading a paper or set of slides to an audience. How you deliver your presentation is at least as important in effectively communicating your message as what you say. Marcos Arroyo was calm, speaking slowly and with confidence and addressing to his audience at all times. The slides used were simple, clear and, well organized.

He started with the background related to the work done, then he explained the importance that the topic has in relation to geotechnics to finally introduce the description of the model and its applications.

The beginning was very successful, since it allowed to emphasize the topic, define terms and familiarize the audience with the topic. This is extremely important, once an audience is lost in unfamiliar terminology, it is extremely difficult to redirect them.

As the presentation continued, he presented his subject highlighting the great advantages that this method represents, making comparisons with other methods used and the lack of information that many of them can provide, showing graphics and equations that allowed us to see things more easily. The sum of all this made the public pay attention at all times.

Finally, by showing the applications of the method, he gave a conclusion to the topic and left the audience with a broad view of the subject, showing himself open to questions or comments.

In conclusion, I must say that the seminar was very satisfactory. It was noted that the speaker had experience in speaking in front of an audience, was confident and excited in the presented topic and the presentation used was simple but accurate.