

## ***Interactive comment on “The Flat Earth satire, using science theatre to debunk absurd theories” by George Sand França et al.***

**George Sand França et al.**

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Referee 1: Specific comments: The work won the DF 2019 Theater Award Category: Local Circulation Show and this information should be present in the introduction

**Answer:** We insert in the introduction

Referee 1: The results and conclusion should be elaborated highlighting the fact that part of the public lacks basic knowledge of scientific information. . . .

**Answer:** We thanks, we improved the results and conclusion sessions

Referee 1: Please add more information about the public that filled the form (age, level of education, nationality, etc)

**Answer:** Unfortunately we didn't insert this question in our form

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Referee 1: I appreciated the conclusions but I also expected to know more about the next steps in developing this project.

**Answer:** We improved the conclusion.

Referee 1: I suggest to remove the phrase ‘Sciences have no actions or initiatives

**Answer:** We agreed and removed

Referee 1: I suggest to rewrite more clearly the paragraph that starts in line 52: ‘Searching for this connection between science and art is certainly complicated, due to the exhaustive scientific activity of researchers, which most of the time there is no way to present themselves in the art form, however, we can unite with educating artists and assist or boost our art science.

**Answer:** We rewrote this sentence

Referee 1: I suggest to rewrite more clearly the paragraph that starts in line 59: ‘. That seeks this link through the clowning between science and art and in this work the whole process of creation will be shown in a summarized form and also the results obtained from the audience through the google form for the public that attended.’

**Answer:** We rewrote this sentence

Referee 1: I suggest to rewrite more clearly the paragraph that starts in line 74: ‘Our work enters the area of earth science and art, where it is still very little explored and we use the same tools used by previous works (what tools?) The information was collected on this subject using the social networks that defended this false theory and through scientific dissemination that refute the theme, scenes for spectacle were simultaneously created.’

**Answer:**We rewrote this sentence

Referee 1: I suggest to rewrite more clearly the paragraph that starts in line 79: ‘. The show’s introduction scenes were selected, in which we used two “mamulengos” to present the show.’ Please could you explain what ‘mamulengos’ are?

**Answer:**We inserted what “mamulengos” are

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Referee 1: I suggest to rewrite more clearly the paragraph that starts in line 81: ‘After the presentation, a short lecture that will be disturbed and at least three slides. For the next scene, we break the text of the big bang theory, adapted from Oliveira 2018, in which we use the body as language. Given continuity, music inspired by the opening of the series The Big Bang Theory, by Thomazoni W. (2013) was used and adapted for the show. In addition, scenes from França et al. 2019 (Figure 1) featured Newton’s scene and gravity (please we need more explanation about) in the EGU session. Finally, the remaining three (or two?) scenes were: the story of the planets with balloons and a Pilates ball; based on the film “the great dictator” by Charlie Chaplin; and finally the Earth is Flat sermon’

**Answer:** We rewrote this sentence

Referee 1: I suggest to rewrite more clearly the paragraph that starts in line 96: ‘With everything ready, leaving only the scenario we chose in a scenario that facilitated mobility’

**Answer:**We rewrote this sentence

Referee 1: The reference lines disappeared on page 4

**Answer:** Sorry about this, we will insert correctly the reference lines for the final version

Referee 1: I suggest to rewrite more clearly: ‘we used the audience that watched through a google form that was made available. This form had 9 questions and an optional comment Of the 316 people who have watched the show so far, 11  
**Answer:**  
We rewrote this sentence

Referee 1: I suggest to rewrite more clearly: ‘This division shows that we had a well-distributed response and there was a mix of the audience from the academy and also an audience, since the presentation in Natal’

**Answer:** We rewrote this sentence

Referee 1: Add parentheses (Figure 3a) in: ‘certainly the title makes the public more aware of the subject Figure 3a.

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**Answer:** We added, thank you for this warning

Referee 1: I suggest to rewrite more clearly: 'This result brings us to believe that we have an audience with excellent knowledge and that apparently can lead us to a greater understanding with laughter.'

**Answer:**We rewrote this sentence

Referee 1: Authors should be more careful with punctuation and double spacing;

**Answer:** Ok, We reviewed our punctuations and double spacing

Referee 1: I suggest to rewrite more clearly: 'The second part is about on scientific dissemination, the first question is one word was asked to represent the show, figure 4 shows a word cloud with emphasis on didactic, interesting, fun, playful, genius. This shows that we had a general acceptance of the public. If the show is science dissemination with a score of 1 to 5, 83

Referee 1: I suggest to rewrite more clearly: 'The show regarding classification and recommendation to another person obtained results similar to that of scientific dissemination, with another 80

Referee 1: I suggest to rewrite more clearly: 'As for the comments, the highlight is that the show is not ready yet, although all this result, especially the end of the show and why we use the "mamulengos". That it was necessary in order to highlight the training of the actor in terms of qualification in science. The need to further highlight the issue of the flat Earth. Performance problem, p.e. physical preparation was also highlighted. With these comments, we are updating the play to seek the best show'

**Answer:** We rewrote this sentence

Referee 1: An importance in the dissemination of sciences through Art, not only opens a space for science but also presents to an audience that is not frequent in any theater or theater.' what is not present in the theater is science, the audience is always present

**Answer:**We rewrote this sentence and tried to explain the kind of audience

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Referee 1: I suggest to rewrite more clearly: 'When you get stronger and do an artistic work based on the experiment to further guarantee the quality of scientific dissemination.

**Answer:** We rewrote this sentence

Referee 1: I suggest to rewrite more clearly: 'Scientific dissemination should be one of the main functions for researchers, who normally participate as collaborators in most dissemination activities

**Answer:** We rewrote this sentence

Referee 1: The references should be more carefully organized confirm the rules of the journal (<https://www.geoscience-communication.net/forauthors/manuscriptpreparation.html>): doi numbering, comma and year. Also when referring to a webpage (example: Copernicus Publications: <https://publications.copernicus.org/>, last access: 25 October 2018.)

**Answer:** We fixed all references.

Referee 1: I was not able to access the link presented in the last reference as a 4shared document (Thomazoni W. 2013. A história do universo – lyrics available (In Portuguese) <http://www.4shared.com/mp3/Sv8mQnik> . 2013). I suggested to use the one from youtube (<https://www.youtube.com/watch?v=chvzmXTOBGs>)

**Answer:** We agreed and used your suggestions!

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Interactive comment on Geosci. Commun. Discuss., <https://doi.org/10.5194/gc-2020-19>, 2020.

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