

## ***Interactive comment on “Improvement of density models of geological structures by fusion of gravity data and cosmic muon radiographies” by K. Jourde et al.***

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Dear authors!

I am glad to revise the high quality manuscript. The topic of the cosmic muon radiographies joined with gravimetry is fresh for geological researches. Generally the paper is clear and understandable with logical structure. I have only few suggestions:

1. Please, insert brief information where proposed models of the cosmic muon and gravity could be used. What field of geophysics, geology or other?

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2. Please, give more information about studied area, La Soufriere of Guadeloupe volcano.

3. Page 2, line 135: Please, describe deeper the results of the muon tomography experiments.

4. Page 4, line 260-268: I'm not sure that well known Newton law must be presented as a separate chapter.

Best regards

Oleksandr Menshov

20 June 2015

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Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 5, 83, 2015.

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