

# Review of: "Slow diffusion around pulsar $\gamma$ -ray halos and its impact on cosmic rays propagation"

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**Potential competing interests:** No potential competing interests to declare.

This paper is a short review of the work done by the author together with his collaborators.

It describes and proves the necessity to have a slow-diffusion region around the Pulsars in order to explain the positron excess observed by AMS-02 and Pamela experiments. The same model, applied to the galactic disk, is able to reconcile the origin of the positron excess coming from Dark Matter.

There is no original contribution in this paper, since everything presented has been already published. Besides, this paper presents all together the findings contained in several papers. This is the main contribution, which helps the reader to understand that the model presented can be used to explain several observative features.

It looks that the paper is the follow-up of a conference. If true, I suggest the author to write clearly this aspect.