

# Review of: "Dark Energy as an intrinsic property of Matter"

Konstantin Zioutas<sup>1</sup>

<sup>1</sup> CERN

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

1. The author introduces as new the SPM mechanism: Space Production Model.

1. from the text I am not sure if this cannot be described as before. Afterall the author brings an analogy to the dark energy the creation of new volume. The default impression is that there is not such a thing like creation of new volume. This must be discribed properly.
2. also the ratio mentiond at the beginning 1:2. This value holds for now. But it has been sid already that the ration matter to dark energy was time dependent. This might be explained implicitly at a certain point, but it should be clarified explicity.
3. The author is advised to explain if with this new SPM one is in a better situation than sofar with matter and dark energy.
4. the author would better stress what we gain with his SPM.
5. at a certain point it is mentioned that some examples will be given in future work. I think, examples enrich a paper and it does not help if one mentions them vaguely for the future.

2. the author would stress what is new with his SPM concept.