

Interactive comment on “The relaxation of residual inclusion pressure and implications to Raman-thermobarometry” by Xin Zhong et al.

Anonymous Referee #2

Received and published: 5 November 2019

I apologize for the delay of the review process but I had to deal with many administrative issues first. The manuscript is actually one of those that make the review process very easy. It is well-written, it has a well-organized structure and addresses a timely topic with a novel approach. On top of what referee #1 has already mentioned, I only have suggestions, basically no real criticism.

I like the way the authors explain the methods in chapter 2. And finally discuss the most important findings of the study in a reasonable detail. I would only suggest to spend less words on the “distance to surface” issue (chapter 3.2) as this is not really new, but focusing more on the “over-“ and “underestimation” of the pressure depending on the PT paths the samples take. This is really exciting and should be highlighted even more.

To me the authors could consider to keep the inclusion-host relationship a bit broader in the begin of the introduction, such as considering inclusions in a bit broader context (see Farber et al 2014 CMP, for instance), but this may result in a less sharp structure.

Kind regards

Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2019-124>, 2019.

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