

# ***Interactive comment on “The seismo-hydro-mechanical behaviour during deep geothermal reservoir stimulations: open questions tackled in a decameter-scale in-situ stimulation experiment” by Florian Amann et al.***

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The seismo-hydro-mechanical behaviour during deep geothermal reservoir stimulations: open questions tackled in a decameter-scale in-situ stimulation experiment

Dear Editor, dear reviewers,

Thank you very much for the fast review process and the constructive and valuable comments on our manuscript. We are pleased to provide answers to the reviewer's comments and a substantially revised version of the above manuscript. The major

Interactive  
comment

points of both reviewers were 1) the combination of a review and an original experiment part in one manuscript and 2) the timing of writing the second part of the paper versus the timing of the test. Both reviewers provided suggestions how to proceed with these two issues. Reviewer 1 suggests splitting the paper in a review paper and an experimental paper with much more details on the experimental design. Reviewer 2 suggests to substantially shorten the second part by providing much less details and higher-level information. The timing was straightforward to address, since meanwhile the experiment has been completed. The more severe issue during the revision process was associated with the question to split the paper into two separated papers. We decided not to split the paper in two parts, since a description of the experiment is important to discuss how we address the identified research questions. At the same time, the sensor and installation details will be published in subsequent papers. Thus, we decided to follow the advice of reviewer 2 and substantially shortened part two and report only about higher-level information of the experiment. We hope you find the revised manuscript suitable for publication in "Solid Earth".

Florian Amann

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Discussion paper

