

***Interactive comment on “On the link between stress field and small-scale hydraulic fracture growth in anisotropic rock derived from microseismicity” by Valentin S. Gischig et al.***

**Anonymous Referee #1**

Received and published: 2 August 2017

This paper on the Grimsel experiment is very important and will be a large contribution to understanding the link between stress and micro/nano seismicity. Just as important are the techniques used to measure the seismicity, the description of the instrumentation and the bandwidth covered.

An important result is the finding that closer one is to the hydrofractures the better, this will help in designing future experiments to examine all modes of failure

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Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2017-78>, 2017.