

Interactive comment on “4D imaging of sub-second dynamics in pore-scale processes using real time synchrotron x-ray tomography” by K. J. Dobson et al.

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Thank you for positive and constructive review. We have revised the MS accordingly to add additional information on the grain size of the gravels, and added a short section outlining the excellent potential for application of the method to non-disaggregated samples. We have also added clarification on the effect of rotation rate on the behaviour of the fluid. In addition, we have revised the technical description of the methodology to make it easier for a potential methodology user to access the key information.

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