

***Interactive comment on “Orthogonally  
spin-labeled rulers help to identify crosstalk  
signals and improve DEER signal fidelity” by  
Markus Teucher et al.***

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Thanks to a private communication with Dr. J. E. Lovett, we became aware of a paper in which a Gd-Gd crosstalk signal was detected in a GdNO DEER channel (Shah et al. Inorg. Chem. 2019, 58, 5, 3015–3025). The authors swapped pump and observer frequency, which is suggested as possible method to suppress the crosstalk signal in our manuscript, and indeed the crosstalk signal decreased. This paper will be cited in the final version of the manuscript.

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Interactive comment on Magn. Reson. Discuss., <https://doi.org/10.5194/mr-2020-15>, 2020.